

THE SALEM
East India Marine Society.

PRESENTED BY

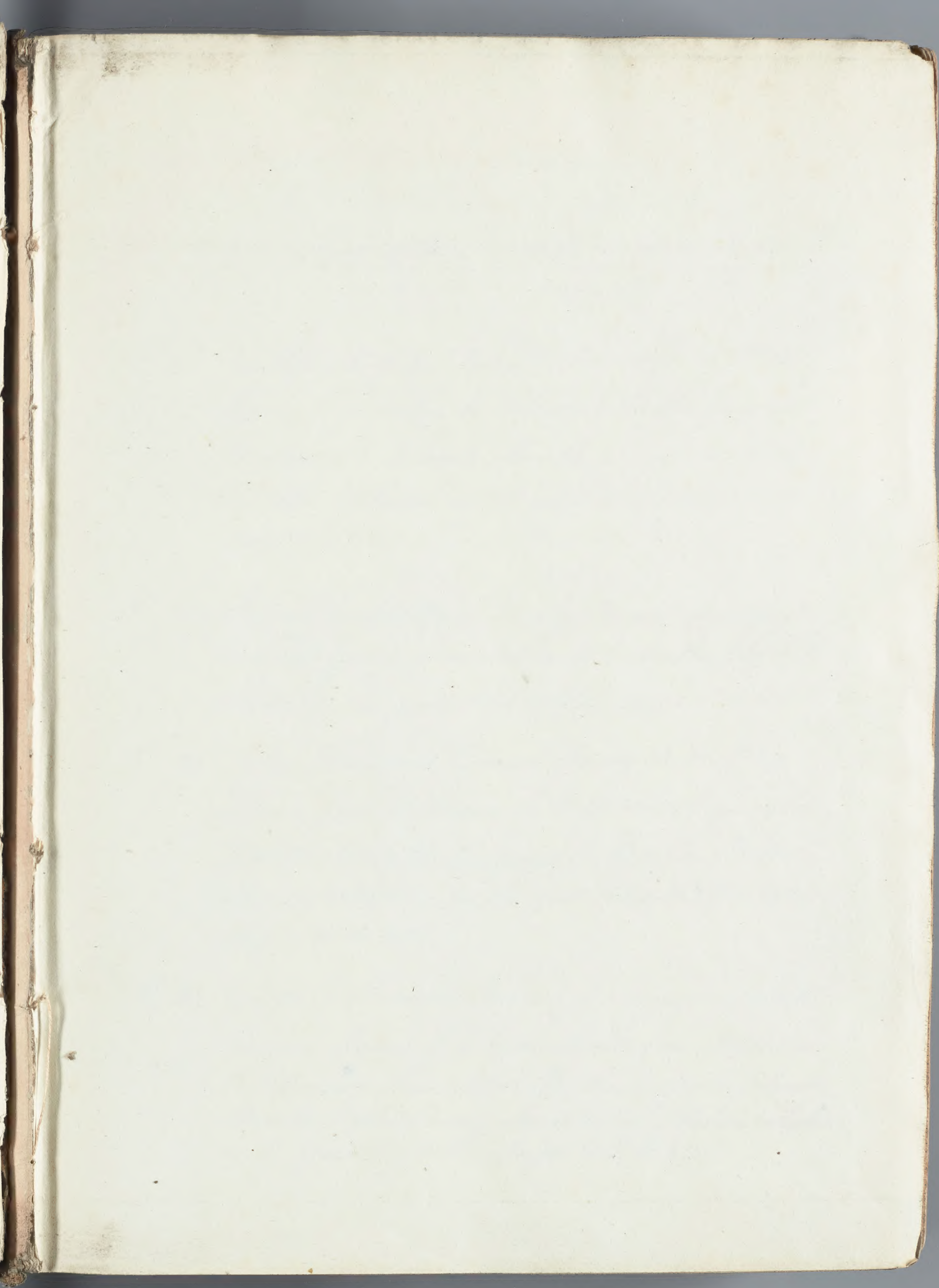
After yards are
the Shiraga while
head yards are
the full with
pink sheets to
roundward

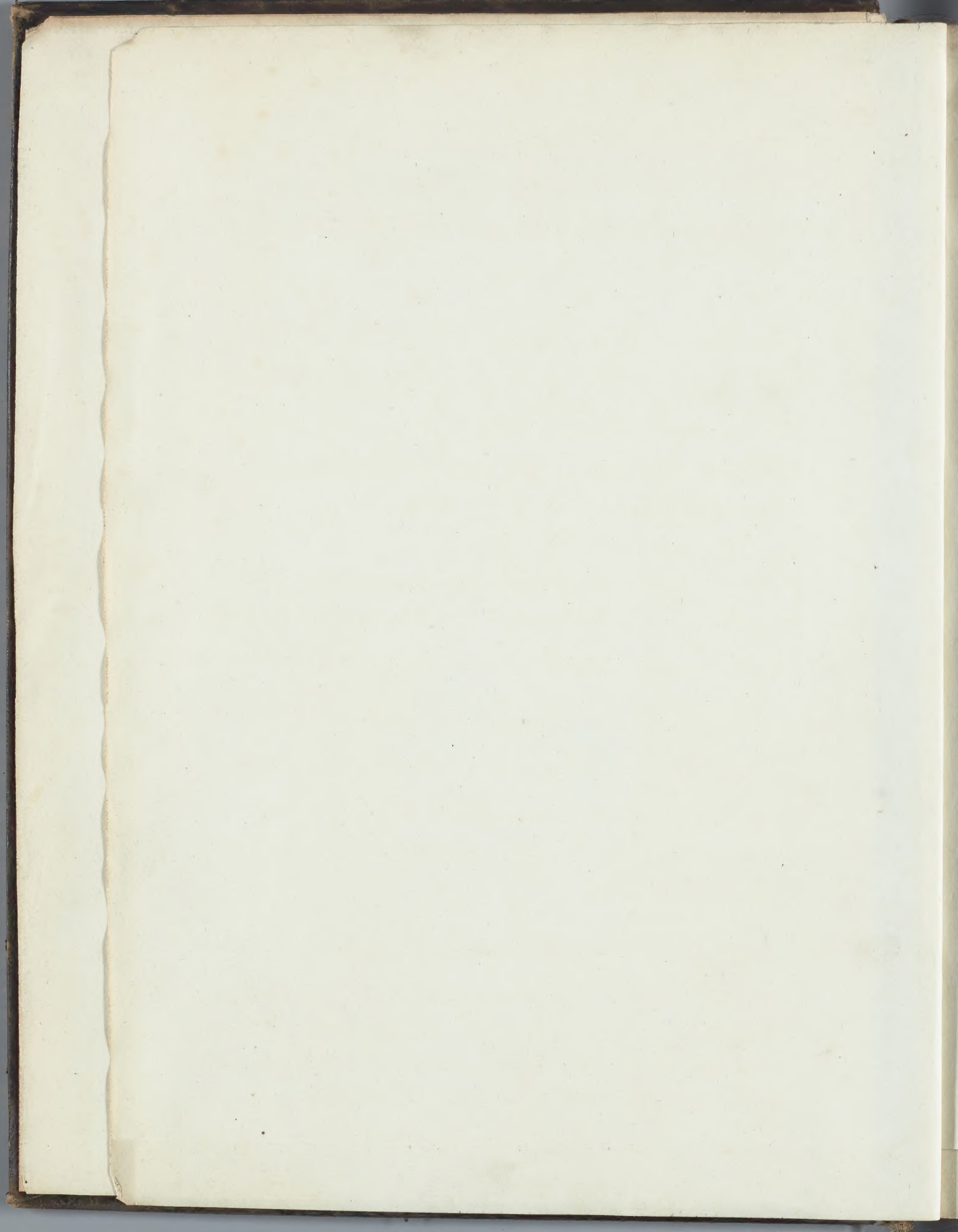


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Salem Marine Society

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211
C. D. for Mrs. Thomas in "V."
Catalogue of the Journals contained in Vol. 18.

- N^o 81. Jonathan M. Ropes' Journal of a voyage in Brig Roscoe from Salem to Valparaiso, Callao, Guayaquil, the Sandwich Islands, Manilla, Singapore, Rhio, Batavia & Salem, in the years 1825, 1826 & 1827. pages 1 to 82.
- N^o 82. Samuel Endicott's (of Beverly) Journal of a voyage in Ship George from Salem to Calcutta & back to Salem in the years 1826 & 1827. pages 83 to 160.
- N^o 83. John Holman's Journal of a voyage in Brig Laura from Baltimore to Valparaiso, Coquimbo, Quilka, Chorillos, Guayaquil, Manilla, Pootoo Penang & Salem, in the years 1824, 1825 & 1826. pages 161 to 354.
- N^o 84. George T. Saunders Journal of a voyage in Ship Caroline, James W. Chever, Master, from Monte Video to Valparaiso, Arica, Chorillos, the Sandwich Islands, Manilla, Pootoo Penang, Sumatra, St Helena & Salem, in the years 1825 & 1826. pages 355 to 420.

- N^o 85 Timothy Endicott's Journal of a voyage in Ship
Suffolk from Gibraltar to North West Coast
of Sumatra & back to Gibraltar, in the years
1823 & 1824. pages 421 to 458.
- N^o 86 Timothy Endicott's Journal of a voyage in Ship
Suffolk from Salem to Batavia & Antwerp
in the year 1825. pages 459 to 502.
- N^o 87 Joseph I. Knap Jun^r's Journal of a voyage in
Brig Phoenix, Alex Hanna, Master, from
Antwerp to North West Coast of Sumatra &
Gibraltar, in the years 1823 & 1824. pages 503 to
546.
- N^o 88 James Barr Jun^r's Journal of a voyage in Brig
Jones, John Dwyer, Master, from New York to
Madagascar & Salem in the year 1827.
pages 547 to 588.
- N^o 89 William H. Neal's Journal of a voyage in Brig
Java from Salem to Batavia, Samarang &
Antwerp in the years 1820 & 1821. pages 589 to
647.

N^o 90 William H Neals Journal of a voyage in Brig
Java from Batavia to Mocha & thence toward
Gibraltar, kept as far as to the Cape of Good
Hope, in the years 1822 & 1823. pages 648 to 685.

East India Marine Society.

At a Meeting of the East India Marine Society, at their Hall, on Wednesday, 17th March 1823, it was unanimously voted, — That in order to promote and extend the knowledge of the history of the East India Marine, a Committee should be chosen to prepare a list of the names of the vessels, and that each Member should be furnished with one of these, to be returned, when a regular copy of the state, weather, and particulars of the voyage, being his voyage, arranged in such manner as the Committee should direct.

It was also resolved, — That a Committee be appointed to prepare a list of the names of the vessels, and that each Member should be furnished with one of these, to be returned, when a regular copy of the state, weather, and particulars of the voyage, being his voyage, arranged in such manner as the Committee should direct.

DIRECTIONS.

THE first of the directions is, — That each Member should be furnished with a copy of the list of the names of the vessels, and that each Member should be furnished with one of these, to be returned, when a regular copy of the state, weather, and particulars of the voyage, being his voyage, arranged in such manner as the Committee should direct.

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JOURNAL

From *Salem* to *Calcutta* in
 the *Ship* *George* *Sam^l Eudicott* Master :
 kept by *Sam^l Eudicott* for the use of the
East-India Marine Society.

AT a Meeting of the EAST-INDIA MARINE SOCIETY, at their Hall, on Wednesday Evening, November 4, 1801, it was unanimously voted,—That in order to promote one great object of their institution, which was the acquiring of Nautical Knowledge, a Committee should be chosen to procure *Blank Journals* for the use of the Society; and that each Member bound to sea should be furnished with one of them, to be returned, with a regular diary of the winds, weather, and remarkable occurrences, during his Voyage, arranged in such manner as the Committee should direct.

Conformably to the above vote, a Committee was chosen, who, having procured JOURNALS of the present form, request the Members to fill up the blanks according to the following

DIRECTIONS.

THE blank at the top is to be filled up with the names of the Master, and of the person keeping the Journal, the name of the ship, and the places nearest to the ship on the days given in that page. As for example: after passing the Cape de Verds, say, from the Cape de Verds towards the Cape of Good-Hope.

In the margin of the Journal must be marked the day of the month, and the latitude and longitude at noon. In the remainder of the page must be noted, the general state of the weather, winds, currents, bearings of capes, islands, &c. with their estimated distances, and any other remarks that may be useful to navigators.

In the latter part of the book are several pages ruled for an abstract of the Journal, to be filled up agreeable to the first page.

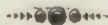
When an opportunity offers to take any observations for determining the latitude or longitude of any remarkable place or point of land, it should be carefully attended to; and for the satisfaction of those who may examine the Journals, it will be proper to give a detail of the observations. Thus, if the observation was taken for determining the latitude by the meridian altitude of the Sun, it would be proper to note the altitude of the Sun's lower limb, taken from the quadrant, the declination, and the bearing and distance of the place at the time of observation. Should the place not be in sight at the time of taking the meridian observation, it would be proper to note the course and distance made good by the ship, between the times of taking the meridian observation and observing the bearing of the land. A particular attention to observations of this kind will probably be the means of procuring a valuable collection of useful information. If the latitude or longitude observed should differ from any late books or charts, it would be proper to note it. In case any general remarks on the wind, weather, &c. experienced in the passages, should occur to the Journalist, he is requested to arrange them in the blank pages left for that purpose at the end of the Journal. A page is also assigned for an account of the coin, weights and measures of the several places touched at in the voyage; and it is hoped that care will be taken in acquiring information on these subjects. Any remarks on the commerce of the different places touched at, with the imports, exports, and manner of transacting business, will be of public utility. Whatever is singular in the manners, customs, dress, ornaments, &c. of any people, is deserving of notice.

There should be collected for the Museum, specimens of various kinds of vegetable substances, earths, minerals, ores, metals, volcanic substances, &c. There should also be preserved (according to the directions hereafter given) such parts of birds, insects, fish, &c. as serve most easily to distinguish them; and if no part can be preserved, a description of any that are remarkable, may be given. Inquiry should be made for any remarkable books in use among any of the eastern nations, with their subjects, dates and titles. Articles of the dress and ornaments of any nation, with the images and objects of religious devotion, should be procured.

DIRECTIONS

For Collecting and Preserving Objects of Natural History.

By SETH BASS, M. D.



I. MINERALS.—Minerals should be packed in cotton, oakum, or any soft substance. It would be proper to procure all the specimens of about the same size; pieces of three inches square will be sufficiently large. Specimens of all the most common rocks found on the Islands in the South Seas, and on the North-West Coast of America, would be considered valuable in the eyes of the Geologist and Mineralogist in America.

II. BOTANY, or VEGETABLE KINGDOM.—Plants should be collected when in flower, and placed between two pieces of blotting paper, and should be pressed moderately by placing a piece of board or plank on them for a day or two, and should then be taken out and placed in dry papers, taking care to lay all the leaves in a natural position, and then return them to the press with an additional weight. It will be necessary to change them several times, until they are perfectly dry; when they should be packed in a box, with a small quantity of Camphor, to prevent their being eaten by Insects. The boxes should be secured as close as possible. It is desirable to procure the seeds, or fruit, in their seed-vessels, in every case where it is possible. Fruit, if pulpy, may be preserved in spirits, and in some cases of rare plants, the flowers also. Seeds, when small, should be well dried and wrapped in paper, with some account of the plant; whether a tree, or annual plant; the situation in which it was found, &c.; and then packed in glass bottles, well corked, or secured with a cement made of Bees-wax and Resin. The larger seeds may be packed in dry powdered charcoal in a close box. Seeds of all kinds may be brought home in bottles of *Honey*, and this is probably the very best method of preserving them. Specimens of the different species of Wood found growing on the Islands in the Pacific Ocean, and North-West Coast of America, would be curious, and may be useful. Blocks sawed about one and an half inch thick, with the bark on; if the log is very large, the block may be split in quarters or any section of a circle.

III. MADREPORES, CORALS, &c.—To preserve marine productions, it is always necessary to soak them in fresh water, in order to extract the salt, and perhaps it would be best to have the water boiling. Specimens of all the Madrepores and Corals, &c. with the animals in them, preserved in spirits, and secured in close stopped bottles, would be a great addition to our Museum. Pieces of three or four inches in length will be sufficiently large.

IV. CONCHOLOGY, or SHELLS, and the animals that inhabit them.—Those Shells only are worth preserving in a Cabinet of Natural History, which have been taken with the animals alive in them, as those which are driven on shore by the tide, have generally been dead some time, and if not broken, the colours are always much faded, and sometimes are so much altered that they cannot be recognized as the same species; for the shell begins to bleach the moment the animal is dead; and therefore the only way to procure good specimens is to get them fished up, and to have the animals extracted, which may be done by pouring boiling water on them. Then soak the shells in fresh water for twenty-four hours, to extract all the salt, and pack them carefully with cotton in a box; but no attempt should be made to clean them on any account. It would be an addition of considerable interest to have a shell of each kind with the animal in it, preserved in spirits, as they are very imperfectly known.

V. ENTOMOLOGY.—Insects should be secured by pinning them into shallow cases, and very carefully closed by pasting strips of paper over the seams of the case; or the case may be enclosed in canvas, or thick paper, and then smeared over with pitch or tar; they will then be very secure from moisture. A small quantity of Camphor should be enclosed in a piece of gauze, and nailed into the case, to keep away other insects which would destroy them. Spiders and Worms should be preserved in spirits.

VI. CRUSTACEOUS ANIMALS.—Crabs, Sea Urchins, or Sea Eggs, and the like, should have the internal parts removed, and if large, carefully packed in boxes of powdered charcoal, or saw-dust, having been well washed in fresh water previous to packing them. If the species are small, preserve them in spirits.

VII. REPTILES AND FISH.—If the specimen is small, preserve it in a bottle of spirits. But if of large size, they should be carefully skinned, and then the blood soaked out by soaking in fresh water, changing the water several times. The skins may then be put into casks of strong brine. The heads of fish, with the gills, should be preserved entire.

VIII. ORNITHOLOGY.—To prepare and mount Birds, let the following directions be attended to, viz. Skin the bird as soon after the bird has been killed as may be convenient, in the following manner:—Make an incision down the side under the wing sufficiently large to permit the body to be taken out; disjoint the legs at the knees, and the neck close to the head; take out the brains, eyes and tongue; dissect as much of the muscles from the wings as you can, and then strew over the whole a fine powder composed

of white oxide of arsenic, one part, mixed with burnt alum, two parts; then stuff the head and legs with cotton; pass wires up the legs, and through the neck and head. Sometimes the wings may be supported by wires when they are to be spread; but generally they should be kept in place by pinning them to the side. If you intend to mount the bird, a piece of cork must be cut of exactly the same shape as the body of the bird, and the skin sewed over it, and the wires secured in the cork to support it—or the body of the bird may be slightly stuffed with cotton and hung up in the air to dry, and afterwards packed in a close case in cotton, with some pieces of camphor strewed in the case. All possible care should be taken to keep the feathers clean. In order to keep them perfectly secure, it would be best to cover the box with old canvas, or thick paper, and then smear it over with pitch.

The Nests and Eggs of birds are objects worth collecting. The eggs should have their contents blown out, then packed in the nest with cotton, and stowed into a box.

IX. QUADRUPEDS.—Animals should be carefully skinned, and the flesh dissected as clean as possible from the head and feet. It may not be necessary in every case to separate the head from the skin; but the safest method is to put the head into boiling water to boil the flesh; then take out the brains, eyes, &c. wash it clean, strew powdered *Arsenic* and *Alum* over it; then replace it in the skin, and secure the skin carefully to the teeth. The feet and ears should be wet with Spirits of Turpentine, and then the whole outside as well as inside strewed over with the powder of *Arsenic* and *Alum*. After sewing up the abdomen, except a small opening, stuff the skin with some light and dry substance; in some cases it may be more convenient to bring the skin home in strong brine, if the animal is large; in which case care must be taken to have all the blood soaked out before it is placed in the brine; and if soaked for some days in alum water, previous to placing it in the pickle, it would be an additional security.

NOTE.

In filling up the Journal, care must be taken not to write near the margin of the paper, either at the top, bottom, or the side; to prevent any of the writing from being cut off in binding up the Journals.

John George S. ... 87 ... Cape & ...
1826

Aug 8th

Light easterly winds with cloudy weather
at 9 AM weighed anchor from Salem and stood for
sea. at 9 AM. near Baker's Island discharged the
Pilot. Set standing sails for and left

Aug 9th 1 day

Light winds with cloudy weather
at 12 noon reached Hatteras Island in the Lat. of 42° 40' N
Long. 70° 34' W. bore per compass N. West. from which I
late my departure. Took in the standing sails & hauled
up ship to the wind. at 12 Midnight saw Cape Cod
light bearing W. S. W 12 miles. spoke the ship (sloop of
war) 2nd w. Boston from Charleston S.C. bound to Boston.

Thermometer 74

at 4 AM. Bore away in the South Channel
winds easterly with rain.

10 obs. this day
Log. dist 101 1/2 miles

Aug 10th 2 days

Light easterly winds with thickening weather
at 9 AM. sounded 55 fms water which sand with
black specks. at 1 AM. S. d. in 35 fms. coarse sand.
Tackled ship to the eastward at 1 AM. S. d. 55 fms.
rotten shells with large pebbles.

No obs.

Log. dist 70

Therm. 68

Aug 11th 3 days

Light easterly winds with fog at 4 AM. Tackled ship
to the eastward. at 5 AM. spoke the Brig Roxanna
Capt Miller from Pernambuco bound to Boston
at 6 AM. Tackled to the Eastward
terminates with pleasant weather
no sail set by the wind

Log. dist 89 miles

Ship George L. Endicott from Salem towards Cape de Verde

Aug. 12th 4 days Moderate S. East winds and good weather
 Lat. 41° 42' N at noon Sailed Ship to the Southward.
 Long. 66° 3' 15" W Log. dist. 104 miles
 Variation 11° W
 Therm. 70°

Aug. 13th 5 days First part Moderate easterly winds with fine weather
 Lat. 40° 55' N strong tide rips all this day
 Long. 65° 35' W Latter part strong breezes with a heavy head sea
 Variation 9° 12' W took in the light sails. Log. dist 91 miles
 Therm. 78°

Aug. 14th 6 days Breeze breezes with good weather. at 1 P.M. Sailed to the Eastward
 Lat. 40° 56' N at 4 A.M. Sailed to the Southward. at noon Sailed to the
 Long. 64° 40' W Eastward a Northerly set of 13 miles. Log. dist 86 1/2°
 Variation 9 1/2° W
 Therm. 77°

Aug. 15th 7 days Light easterly winds with pleasant weather
 Lat. 41° 28' N very strong tide rips all this day. at 9 P.M. Sailed to the
 Long. 63° 40' W Southward. at 4 A.M. Sailed to the Eastward
 Variation 11° W Saw a Bird steering to the Southward
 Therm. 80° Variation per Morning Oct. 11° 22' West
 a Northerly set of 10 miles this day Log. dist. 67 1/2

Ship from S. Corning 89

Aug. 16th 4 days
Lat. 40° 55' N
Long. 62° 34' W
Varia 12° West
Therm. 79°
First part Moderate & pleasant
at 4 P.M. Tacked to the Southward
Latter part strong easterly winds with a high
confused sea. Tack in the night
Log. dist 68 1/2

Aug. 17th 5 days
Lat. 40° 27' N
Long. 62° 34' W
Varia 11° W
Therm. 79°
Strong easterly winds inclining to Squalls Tack in
the night about 5 A.M. & reefed the topsails
at 2 P.M. wore ship to the Eastward
Latter part more Moderate but not easy & set T. & G. sails
Log. dist 83

Aug. 18th 10 days
Lat. 41° 21' N
Long. 60° 52' W
Varia 12 1/2° W
Therm. 78 1/2°
This day strong S. East winds and Squally
the ship under double reefed topsails
& courses
Log. dist 97
No obs. in this day

Aug. 19th 11 days
Lat. 42° 11' N
Long. 57° 43' W
Varia 13° W
Therm. 81°
Strong easterly winds and squally with rain
Single reefed topsails with top sail set
we have experienced this last 2 days a current setting
N. 30° E. 57 miles by Chronometer & this day obs.
Log. dist 115 1/2

Ship George 90 D. Crockett from

Augt 20th 12 days First part strong winds & cloudy
 Lat. 41. 36' N Terminates with gentle SSW winds & pleasant weather
 Long. 54. 35' W Log. dist 15 1/2
 Barom. 30.0
 Therm. 32.0

Augt. 21st 13 days Fine breeze from S.S.W. with good weather
 Lat 40. 48' N Barom. in Evening, Azimuth 18. 23' west
 Long. 51. 35' W Latter part Moderate all sail set by the wind
 Barom. 18 1/2 W Log. dist 198
 Therm. 31.0

Augt. 22. 14 days Light S.West winds with pleasant weather
 Lat. 39. 53' N Barom. in E. 9 Az. 19. 54' west
 Long. 50. 17' W Log. dist 95 miles
 Barom. 20.0
 Therm. 30.0

Augt. 23rd 15 days Light air from the Southward. Several sail in sight
 Lat. 39. 39' N indications of a strong current
 Long. 50. 47' W at 6 A.M. spoke a Sardinian ship 22 days from Havannah
 Barom. 20 1/2 W bound to Gibraltar. found a current this day setting S. 75° W 49 miles
 Therm. 30.0 Log. dist. 40 miles

Augt. 24th 16 days Light air from the eastward with pleasant
 Lat. 38. 57' N weather. at 12 Midnight came up with & spoke the
 Long. 50. 12' W Brig Sarah of Philadelphia 26 days from Havannah
 Barom. 20 1/2 W bound to Gibraltar: at 2.54.16 A.M. dist 00. Long. 49. 43' W
 Therm. 30.0 Log. dist 45 miles

Sailed towards ⁹¹ Cape de Verde

Augt. 25th 1904. Commenced with light winds & pleasant weather
 Lat. 38° 2' N. Middle part rainy
 Long. 49° 36' W. Varied from N by E to 21° 33' west
 Varied 21° W. Log. dist 65 miles
 Therm. 80°

Augt. 26th 1904. First part of this day gentle breeze with good weather
 Lat. 36° 37' N. Latter part strong winds with a very rough
 Long. 48° 11' W. head sea took in S.G. Sails close up & the
 topsails furled the mainsail & jib sent down
 Varied 19° W. Log. dist. 110 miles
 Therm. 80°

Augt. 27th 1904. This day commenced with heavy gales from the
 Lat. 35° 24' N. N. East. Took in fore & main topsails & jib
 Long. 46° 48' W. the fore course. at 8 P.M. took in the main
 Varied 18° W. topmast of fore sail. hove the ship to under the
 Therm. 79° storm stay sails. sent down S.G. yards
 Lay to 9 hours up E by N off S. E by E.
 Latter part moderating made sail as necessary.
 Log. dist 90 1/2

Augt. 28th 1904. Moderate westerly winds with good weather
 Lat 33° 39' N. sent up S.G. yards. Made all sail.
 Long. 44° 50' W. Obs. dist OC. at 11 A.M. Long. 44° 33'
 Varied 16° W. a southerly set of 13 miles
 Therm. 79° Log. dist. 150 miles

Ship George 92 J. C. C. from Sa

Augt. 29th 21st ds. Throughout this day moderate west & N west winds
 Lat. 32° 50' N all drawing sail set. Variation from E. by N. 15° 6' W
 Long. 43° 26' W Log dist 84 1/2 miles
 Variation 15 1/2° W
 Therm. 80°

Augt. 30th 22nd ds. Gentle breezes from the S West with pleasant weather
 Lat 31° 34' N Log. dist 141 1/2 miles
 Long. 41° 15' W
 Variation 15° W
 Therm. 81°

Augt. 31st 23rd ds. First part brisk breezes from the S West good weather
 Lat. 29° 41' N Saw a Ship steering to the Eastward.
 Long. 38° 44' W Latter part squally with rain
 Variation 14 1/2° W Variation from N by E. 14° 20' W
 Therm. 81° Log. distance 179 1/2 miles

Sept 1st 24th ds. Brisk breezes from the Eastward by squalls
 Lat. 29° 44' N Took in & made sail occasionally
 Long. 36° 30' W at 5 A.M. Saw a Ship steering to the East
 Variation 14 1/2° W Variation from N by E. 14° 38' West
 Therm. 80° at 12 midday Tackled Ship to the S West.
 Log. distance 165 1/2 miles

Sept 2nd 25 ds Gentle S. East winds & cloudy

Lat. 25° 57' N

Long. 26° 39' W

Barom 14 1/2" W

Therm 79°

Log. dist. 125 miles

Sept 3rd 26 ds Moderate E. S. E. winds with pleasant weather

Lat. 25° 16' N

Long. 26° 18' W

Barom 14" W

Therm 79°

Saw a Brig, steering to the West.

Log. dist 110 miles

Sept 4th 27 ds fine breezes from the Eastward with pleasant weather.

Lat. 24° 4' N

Long. 35° 6' W

Barom 13 1/2" W

Therm 78°

Barom in M. 23 H. 13° 31' W

North Tides

Log. dist 424

10 miles westerly current

Sept 5th 28 ds Fine Easterly winds with good weather

Lat. 22° 15' N

Long. 33° 58' W

Barom 13 3/4" W

Therm 79°

Barom in M. 23 H. 13° 43' W

Saw an American Brig steering to the N.E.

Log distance 143 1/2

27 miles westerly current.

Ship George A. Gardick from Salem towards Cape de Verde

Sept 6th 29 ds. Fine fair wind, breeze with pleasant weather

Lat. 19° 54' N. Lat. East Squaring

Long. 32° 33' W

28 Miles nearly current

Barom 30° W

Log. dist 170 miles

Therm 79°

Sept 11th 30 ds.

Breeze trades with passing clouds

Lat. 19° 32' N

Single reefed topsails with Top gallant sails on

Long. 30° 58' W

Log. dist 183 miles

Barom 30° W

27 Miles, westerly current

Therm 79°

From the Month of May to October when autumn
breeze I have always endeavored to pass from 4° to 6°
west of St Anthony / one of the Cape de Verde Islands /
by so doing, I have found much steadier winds
and carried the Boat made much further South.
at this season of the year South & S.S. W winds prevail
between the S.E. & N.E. Trades where a ship may always
obtain backing enough so as not to cross the Equator
far west. and I think by following this route
will always shorten the Passage to the Equator.

Whip George S. Buddick from Cape de Verde towards Cape of Good Hope

Sept 8th 31 ds Strong trades. E by N. with hazy weather
 Lat. 15° 13' N Log. dist 172 miles
 Long. 29° 41' W 25 miles westerly set.
 Baria ~ 13° W
 Therm ~ 81½°

Sept 9th 32 ds Brist trades. E N.E. with hazy weather
 Lat. 12° 34' N Baria ~ for E. by N. 13° 6' W
 Long. 28° 12' W Log. dist 173 miles
 Baria ~ 13° W Current S 53° W 32 miles
 Therm 82°

Sept 10th 33 ds Moderate breezes with pleasant weather
 Lat. 11° 12' N at 3^h 16° 22' P.M. dist OC. Long. 28° 6' 45" W
 Long. 27° 3' W Baria ~ for N.E. by E. 14° 34' W
 Baria ~ 14½° W Current setting S 69° W. 23 miles
 Therm 82° winds E N.E. Log. distain - 121

Sept 11th 34 ds Moderate E N.E. winds with fine weather
 Lat. 10° 3' N at 4^h 26' P.M. dist OC. Long. 27° 7' east
 Long. 26° 5' W Log. dist 95 miles
 Baria ~ 14½° W
 Therm 82°

Ship George W. Cuscutt 96. from Cape de Verde

Sept 12th 35 ds

Lat. 8° 45' N

Long. 24° 36' W

Varia. 15° West

Therm. 81 1/2°

Light East winds with pleasant weather

Varia. in M. g. Azte. 15° 10' West

Log. distance 96 miles

Left the East trade the latter part of the day

Sept 13th 36 ds

Lat. 8° 3' N

Long. 24° 36' W

Varia. 15 1/2° W.

Therm. 82°

Light baffling winds mostly from S. West with showers

Log distance 33 miles

S. 54° E 23 miles current

Sept 14th 37 ds

Lat. 6° 30' N

Long. 22° 15' W

Varia. 16° W

Therm. 82°

Commenced with gentle breezes from the South West

some appearance of Squalls

Terminated with brisk breezes & good weather

N. 54° E. 14 miles current. Log. dist 135 1/2 miles

Sept 15th 38 ds

Lat. 5° 1' N

Long. 21° 3' W

Varia. 16° W

Therm. 78°

Fine breezes from S. West. with pleasant weather

Latter part Squally with rain

Saw a Ship bearing N.E. steering to the Southward

Log. dist 118 miles

No Net this day

97

Towards Cape of Good Hope

Sept 16th 39 ds South west winds with Squally unsettled weather

Lat. 4° 9' N

Long. 19° 46' W

Log. dist. 92 miles

Variation 16 1/2° W

Therm 77°

10 P.M. this day,

Sept 17th 40 ds Breeze comes from SSW & South with cloudy

Lat. 3° 50' N

Long. 18° 5' W

Variation 17° W

Therm 79°

Became weather, saw 2 ships steering to the southward
at 12 Midnight Tack'd ship to the westward
at 6 A.M. Tack'd again to the eastward
26 miles north by Set this last 3 days

Log. dist. 145 1/2 miles

Sept 18th 41 ds

Lat. 2° 37' N

Long. 19° 53' W

Variation 17° W

Therm. 79 1/2°

Strong breeze from South & S.S.E. at 1. P.M.

Tack'd ship to the westward

at 3. P.M. saw a ship to windward at 4. P.M. at 3. P.M.

Shot a whale boat with a whale in tow informed

us the ship to windward was the *Harvard* of

New Bedford on a whaling voyage.

Log. dist. 33 miles

Sept 19th 42 ds

Lat. 1° 27' N

Long. 21° 39' W

Variation 15 1/2° W

Therm 78 1/2°

Light breeze from S. & S by E. with good weather
a North westerly current of 1/2 miles

Log. dist. 124 1/2 miles

98

Ship George Sum. Cadiz from Cape

Sept 20th 43 ds. Breeze S.E. trades with fine weather
 Lat. 00° 22' South Variation from E. by N. 15° 18' West
 Long. 23° 17' West at 5 AM passed a ship steering to the Southward
 Variation 15° West Log. distance 140 miles
 Therm. 87°

Sept. 21st 44 ds Steady breeze from S.S.E. with clear weather
 Lat. 2° 22' South Log. distance 133 1/2 miles
 Long. 24° 26' West Variation 13 1/2° W
 Therm. 79 1/2°

Sept 22^d 45 ds This day as above
 Lat. 4° 16' S Variation from Morning by N. 12° 36' West
 Long. 25° 50' W Log. dist 134 1/2 miles
 Variation 13° West Therm. 79 1/2°

Sept 23^d 46 ds Gentle breeze from S.S.E. to S East with pleasant weather
 Lat. 6° 19' S Variation from M. by N. 11° 39' West
 Long. 26° 59' W N 75° W. 23 miles current.
 Variation 12° W Log. dist 138 miles
 Therm. 78 1/2°

Sept 24th 47 ds Steady breeze trades at S. East. with good weather
 Lat. 8° 37' S Variation from M. by N. 11° 2' W
 Long. 28° 7' W at 9 1/2 45° 9' S. by S. dist 00. Long. 29° 31' West
 Variation 11 1/2° W Log. dist 152 1/2 miles
 Therm. 76° N 74° W. 30 miles current

Sept 25th 48. ds 99 Cape Good Hope

Sept. 25th 48. ds. Light breeze with good weather. Winds S.E. & S.E. & E.
Lat. 11° 6' South
Long. 28° 50' W
Variaⁿ 10 1/2° W
Therm. 78°
Variaⁿ for Log. dist. 10° 35' west
at 10.10.56" A.M. dist OC. Long. 28° 14' west
Log. dist 156 1/2 miles
N 7 1/2° W 10 miles current.

Sept 26th 48 ds Strong trades S.E. to E.S.E. good weather
Lat 13° 46' S
Long. 29° 19' W
Variaⁿ 9 1/2° W
Therm 74°
Rather fast sailing. 6 Squalls
Single rapid Logrills with S. G. Sails set on
Log. distance 163 miles
west 21 miles current

Sept 27th 48 ds Commences with squally weather and winds
Lat. 16° 11' S. varying from S.E. to East.
Long. 28° 39' W
Variaⁿ 8 1/2° W
Therm 75°
Variaⁿ for Log. dist 8° 29' W
at 10.30" A.M. dist OC. Long. 28° 11' 30" west
Terminates with pleasant weather. Log dist 148 miles

Sept 28th 51 ds Breeze from E by S with pleasant weather
Lat. 19° 18' S. Log. distance 179 miles
Long. 27° 37' W
Variaⁿ 7 1/2° W
Therm. 76°

Ship Course Sam. Enclivity from Cape de ...

Sept 26. 52 ds.

Lat. 22° 5' S

Long. 26° 41' W

Varia 0° W

Therm. 73°

Strong trade E.S.E. with good weather

Varia for M. 27th 9° 16' west

Log distance 183 1/2 miles

Sept 28. 53 ds.

Lat. 24° 5' S

Long. 25° 24' W

Varia 9 1/4° W

Therm. 71 1/2°

Ship course from E to E by N. with good weather

Varia for E. 27th 9° 11' west

Log distance 166 1/2 miles

October 1. 54 ds.

Lat. 26° 3' S

Long. 23° 5' W

Varia 10° W

Therm. 70 1/4°

Moderate breezes from E.N.E. to N.E. with fine weather

Set the studding sails

Varia for M. 27th. 10° 30' west

Log distance 145

Oct. 2. 55 ds.

Lat. 28° 20' S

Long. 21° 30' W

Varia 11° W

Therm. 71°

First part Squally Breeze E.N.E. to S.E.

Middle & latter part brisk breeze with pleasant weather

Log distance 151 1/2 miles

ds Towards Cape of Good Hope

Oct^r 3rd 56 ds
 Lat. 29° 56' S
 Long. 18° 49' W
 Baria 12° W
 Therm 70°

Fine breeze with good weather
 Winds steady at N by N?

Bariaⁿ for N by N. Azth 12° 15' W
 Log distance 14 1/2 miles

Oct^r 4th 57 ds
 Lat. 31° 20' S
 Long. 16° 20' W
 Baria 13° W
 Therm 69°

Fine breeze from N by N? to North. good weather

Log distance 15 1/2 miles

Oct^r 5th 58 ds
 Lat. 32° 10' S
 Long. 13° 50' W
 Baria 14 1/2° W
 Therm 66 1/2°

Commences Moderate variable winds with cloudy weather

Latter part brisk breeze from N by N with good weather

Log distance 140 miles

Oct^r 6th 59 ds
 Lat. 33° 15' S
 Long. 10° 5' W
 Baria 16° W
 Therm 65°

Throughout this day fine steady N by N winds with pleasant weather

Bariaⁿ for N by N. Azth 16° 2' W
 Log distance 19 1/2 miles

102.

Ship George S. Endicott from Cape de

Oct 7th 60 ds. Fine breezes at N by N. with hazy weather

Lat. 34° 5' S

Long. 7° 00' W

Varia. 17 1/2°

Therm. 66°

Log distance 17 1/3 miles

Oct 8th 61 ds Commences with fine N. winds and hazy weather

Lat. 34° 52' S

Long. 3° 36' W

Varia. 19° W

Therm. 66°

at 12° 12' 53" P.M. Obs dist 61. Long. 6° 40' 45" W.

Latter part gentle breezes at N.N.E. & pleasant.

Log distance 17 3/4 miles

Oct. 9th 62 ds Commences with moderate breezes varying

Lat. 35° 31' S

Long. 00° 38' W.

Varia. 20° W

Therm 64°

from N.N.E. to N.N.W.

Latter part increasing breezes & clouds

at 12 Meridian saw a Ship bearing S by W steering to the Eastward.

Log. distance 14 1/2 miles

Oct 10th 63 ds. Commences with fine breezes and cloudy weather

Lat. 36° 00' S at 1. P.M. came up with & spoke the Ship Perseus

Long. 2° 43' East Capt. Brown 69 days from Liverpool / Eng / bound to

Varia. 22° W Calcutta.

Therm 60°

at 5. P.M. in all sliding sails the wind veered suddenly from N.West to S.West.

Terminates with fine breezes & passing clouds

Log. distance 17 1/2 miles

103

Berds towards Cape of Good Hope

Oct 11th 64 ds Moderate breezes varying from S.W. to N.W. W
 Lat. 36° 15' S
 Long. 5° 26' E
 Varia 24° W
 Therm 60°
 Log. distance 144 miles
 Varia from E. by N. 24° 25' W

Oct 12th 65 ds Brist breezes from N.W. by W with cloudy weather
 all drawing Sail set.
 Lat. 37° 1' S
 Long. 9° 23' E
 Varia 26° W
 Therm 61°
 Log. distance 202 1/2 miles

Oct 13th 66 ds Strong westerly winds, & cloudy weather
 Lat. 37° 15' S
 Long. 13° 33' E
 Varia 28 1/4° W
 Therm 62°
 Log. distance 195 1/2 miles

Oct 14th 67 ds Commences with brisk breezes from S.S.W.
 in all standing sails & brace up Sails to the main
 Lat. 36° 52' S
 Long. 15° 35' E
 Varia 28 3/4° W
 Therm 61°
 Middle and latter parts moderate & breezy
 Varia from W. by N. 28° 50' W
 a Weatherly set of 10 miles
 Log. distance 113 miles

On George's Gullies from Cape de Good towards Cape Good Hope

Oct. 15th 68 ds Commenced with light SE winds and pleasant weather
 Lat. 35° 46' S at 1. P.M. Tacked ship to the starboard
 Long. 16° 48' East at 6. d. Tacked to the Eastward. Variation for 29. Sept 28° 28' W
 Variation 28° 28' W Latter part light winds with passing clouds
 Therm 66° a short irregular sea on Log distance 80 1/2 miles
 a Northerly set of 29 miles this day

Oct. 16th 69 ds Moderate breezes with fine weather.
 Lat. 36° 19' S Winds, South westerly
 Long. 18° 52' E all drawing sail set.
 Variation 28 1/4° W Variation in 69. Sept. 28° 54' W
 Therm 66°. Log. distance 120 1/2 miles
 a Northerly set of 16 miles

Ship George S. Endicott from Cape of Good Hope towards Calcutta

Oct^r 17th 70 ds Light N West winds with pleasant weather
 Lat. 36:51' S all sail set before the wind
 Long. 20:56' E Log. distance 114 miles
 Barom 29" w
 Therm 68°

Oct^r 18th 71 ds Commenced with moderate N West winds & cloudy
 Lat. 37:50' S weather. From 7 P.M. to 11 P.M. a very high irregular
 Long. 24:0' E Sea indicating a strong current.
 Barom 29" i at 10 A.M. the wind veered suddenly to the S. West
 Therm 68 Latter part Squally
 a southerly set of 17 miles Log. distance 160 1/2 miles

Oct^r 19th 72 ds First part brisk southerly winds with light rain
 Lat. 36:49' S Middle part light air from the S.E.
 Long. 26:57' E Breeze with brisk breeze from S.W.
 Barom 30" w A current this day N 43° E 64 miles
 Therm 64 Log. dist. 9 1/2 miles

Oct^r 20th 73 ds First part brisk breeze from SW to West with squalls
 Lat. 37:16' S Middle & Latter part good weather
 Long. 30:47' E all sail set.
 Barom 30 1/2" w Log. dist 183 miles
 Therm 61°

Oct. 21st 74th ds. First part strong West winds with flying clouds
 Lat. 37° 5' S from 4 P.M. to 4 A.M. heavy squalls with lightning
 Long. 34° 16' E hail & rain double reefed the topsails & sent down
 Barom 31" W main sail at yard.
 Therm 60° Latter part more moderate made sail
 a North West set of 36 miles Log. dist 168 miles

Oct. 22nd 75th ds Commenced with fine breeze from the Westward
 Lat. 37° 28' S and pleasant weather set the standing sails
 Long. 30° 9' E Latter part strong WNW winds & squally
 Barom 31" W Took in the standing sails & T.G. sails
 Therm 60° Log. dist 204 miles

Oct. 23rd 76th ds This day strong West winds with squalls, rain & lightning
 Lat. 37° 34' S the ship under reefed topsails
 Long. 41° 51' E Log. distance 188 miles
 Barom 31" W
 Therm 61°

Oct. 24th 77th ds Strong West winds & squally
 Lat. 37° 18' S a large sea running
 Long. 45° 58' E Log. distance 1902 miles
 Barom 30" W
 Therm 58°

Oct^r 25th 78 ds
 Lat. 37° 11' S
 Long. 50° 12' E
 Barom. 29.9
 Therm 59½

visions, breeze from the westward with good weather
 Set J. & G. sails.
 at 9. 19. 39" alt. dist. OC. Long. 49° 40' 45" East.
 Log. distance 191 miles

Oct^r 26th 79 ds
 Lat. 37° 11' S
 Long. 51° 55' E
 Barom. 28½
 Therm 58°

First part contrary winds from S.W.
 Middle & latter part light air inclining to Calcutta
 Log distance 89 miles

Oct^r 27th 80 ds
 Lat 37° 19' S
 Long 55° 4' E
 Barom 29½
 Therm 62°

Commences moderate & pleasant with the wind at N.E.
 Barom per E. & G. 27° 38' west
 at 10. 30. 00 dist. OC. Long. 55° 5' 30" East
 Latter part brisk breeze from N.W. with squalls of rain
 Log. distance 151 miles

Oct^r 28th 81 ds
 Lat. 37° 1' S
 Long. 58° 59' E
 Barom 26½
 Therm 58°

Commences with strong winds from W.N.W.
 at 4. P.M. heavy squalls with thunder, lightning & rain
 took in J. & G. sails & reefed the Topsails
 throughout the day heavy squalls with a high sea
 Log distance 195 miles

Ship George D. Emmons from Cape of Good Hope

Oct 29th 82 ds. First part Squally
 Lat. 36° 50' S. Latter part pleasant wind W. S. W.
 Long. 62° 27' E. at 5 P.M. Sailed & standing by
 Variat. 25 1/2" W. a large sea on. Log distance 179 1/2 miles
 Therm. 60°

Oct 30th 83 ds. This day throughout steady & light winds
 Lat. 36° 49' S. with pleasant weather
 Long. 66° 36' E. Log distance 202 1/2 miles
 Variat. 24" W.
 Therm. 62°

Oct 31st 84 ds. First part fine West winds with passing clouds
 Lat. 36° 32' S. at 6 A.M. the wind shifted suddenly to S. West
 Long. 70° 46' E. Terminates raining,
 Variat. 23" W. Log distance 189 miles
 Therm. 60°

November 1st 85 ds. Commenced with brisk breeze and passing clouds
 Lat. 35° 28' S. winds W. S. W. to West.
 Long. 73° 30' E.
 Variat. 21" West Middle & Latter parts moderate & pleasant
 Therm. 58° Log distance 166 miles

Home towards Calcutta

Nov. 2^d 87 ds Light breeze from N.W. with good weather

Lat. 23° 29' S

Variaⁿ per E. 9 Aztl 18° 23' W

Long. 76° 38' E

Varia 18° W

Log. distance 185 miles

Therm. 67°

Nov. 3^d 87 ds First part squally with the wind N.W.

Lat. 31° 14' S

Variaⁿ per E. 9 Aztl. 16° 16' West

Long. 79° 2' E

Second part pleasant with the wind S.W.

Varia 16° W

all sail set before the wind

Therm. 62°

Log. distance 174 miles

Nov. 4th 88 ds

Light S.W. winds with fine weather

Lat. 30° 7' S

Log distance 75 miles

Long. 80° 8' E

Varia 14° W

Therm. 64°

Nov. 5th 89 ds

Light winds from N.W. to North

Lat. 29° 13' S

Took in the bleeding sails & varied up sharp to the wind

Long. 81° 00' E

Variaⁿ 12 1/2° West

Variaⁿ per E. 9 Aztl 12° 41' W

Therm. 67°

Log distance 68 1/2 miles

Ship George S. Endicott from Cape of

Nov: 6th 90 ds
 Lat, 26:58'S
 Long, 82:52'E
 Barom, 11" West
 Therm 69 $\frac{1}{2}$ ^o

Commenced with moderate breeze from S.W. at 1. 14. 40 P.M. Bar. 30.00 OC. Long. 81:5:45" East
 Barom, 11" West
 Middle and latter parts brisk breeze from S.W. at 11:26' West
 Log distance 160 miles

Nov: 7th 91 ds
 Lat, 23:44'S
 Long, 84:5'E
 Barom 10" W
 Therm 71 $\frac{1}{2}$ ^o

First part fine breeze from S.W. with good weather at 1. 34. 44 P.M. Bar. 30.00 OC. Long. 83:9' East
 Barom 10" W
 Middle & latter parts fine trades at S by S
 Barom 10" W
 a westerly set of 22 miles Log distance 182 miles

Nov: 8th 92 ds
 Lat, 20:34'S
 Long, 85:1'E
 Barom, 8" W
 Therm 73^o

Brisk S.E. trades with good weather
 Log distance 193 miles

Nov: 9th 93 ds
 Lat, 17:17'S
 Long, 85:26'E
 Barom, 6" W
 Therm 77^o

Strong trades at S by E. with frequent squalls
 Log distance 202 miles
 a westerly current of 19 miles

III

Good Hope towards Calcutta

Nov. 10th 94 ds Strong breezes from E.S.E to East.
 Lat. 14° 9' S in high sea running
 Long. 85° 50' E Log distance 195 miles
 Var. 4° W
 Therm 50°
 a westerly current of 17 miles

Nov. 11th 95 ds Breeze trades at East with passing squalls
 Lat. 11° 1' S
 Long. 86° 12' E Log distance 192 1/2 miles
 Var. 2° W
 Therm 52°
 10 Miles westerly current.

Nov. 12th 96 ds Breeze trades at E by S & E.S.E with good weather
 Lat. 8° 58' S
 Long. 86° 45' E
 Var. 50.30 W
 Therm 59°
 Latter part squally with rain
 Took in T.C. sails & reaped the topsails
 No ship part day
 Log distance 18 1/2 miles

Nov. 13th 97 ds Commences with strong S.E. winds & squally
 Lat. 5° 57' S
 Long. 86° 10' E
 Var. 0
 Therm 52°
 Took in & made sails occasionally
 Latter part light air and cloudy
 Log distance 15 1/2 miles
 54 Miles westerly current for last 2 days

Ship George S Endicott ¹¹² from Cape Good

Nov. 14th 98 ds

Lat. 4.12'S.

Long. 87.24.E

Varia. 0

Therm. 82°

Throughout this day squally with rain
winds variable from west to N.E. by

Log distance 102 1/2 miles

N. 81° E 45 miles current.

Nov. 15th 99 ds

Lat. 2.26'S.

Long. 88.23'E.

Varia. 0

Therm. 82 1/2°

This day commences with heavy squalls, rain
& lightning, winds varying from west to S.W. by
Middle part light air with thick weather
Terminates with tolerably good weather and
increasing breeze.

Log distance 89 miles

N 65° E. 48 miles current.

Nov. 16th 100 ds

Lat. 00.13' North

Long. 89.12'E

Varia. 1° East

Therm. 81 1/2°

First part fine breeze with some appearance
of squalls wind at west.

Middle and latter part squally with rain

Log distance 145 1/2 miles

N 75° E. 51 miles current

Nov. 17th 101 ds

Lat. 2.36' N.

Long. 89.52'E.

Varia. 2° East

Therm. 81°

WNW winds with squalls

Log distance 128 miles

N 73° E 61 miles current.

113

St. Helena towards Calcutta

Nov. 18th 102 d. First part light air from S by W to West with
 Lat. 4° 25' N. pleasant weather.
 Long. 89° 10' E. Middle of latter part fine breeze from W S W
 Barom. 29.2 with rain. No tide this day
 Therm. 51° Log. distance 113 1/2 miles

Nov. 19th 103 d. First part light winds from West to S West with rain
 Lat. 6° 21' N.
 Long. 89° 17' E. Log. distance 76 1/2 miles
 Barom. 29.2 with rain. 40 miles northward set this last 2 days
 Therm. 51°

Nov. 20th 104 d. Breeze W N W winds & Squally
 Lat. 8° 14' N. Saw a very large water spout within 2 miles of us
 Long. 89° 13' E. passed a great quantity of drift wood
 Barom. 1° 30' E. latter part light air with squalls
 Therm. 84° saw a ship steering to the Eastward.
 Log. distance 109 1/2 miles

Nov. 21st 105 d. First part light air from S by W to West
 Lat. 9° 13' N. Middle of latter part gentle breeze from East
 Long. 89° 19' E. with bad weather
 Barom. 1 1/2° E. Log. distance 52 1/2 miles
 Therm. 84°

114

George S. Endicott

Nov. 22nd 1868
 Lat. 10° 51' N
 Long. 89° 28' E
 Barom. 12.8
 Therm. 84°

Gentle breeze from E. NE with pleasant weather
 all sail set by the wind
 at 12.24 A.M. Obs. dist. OC. Long. 89° 45' East
 Log dist 93 1/2 miles

Nov. 23rd 1868
 Lat. 12° 32' N
 Long. 88° 52' E
 Barom. 12.8
 Therm. 83°

Moderate breeze from E. NE to NE with passing squalls
 at 10.2.52 A.M. dist OC. Long 89° 5.30 East
 Log distance 10 1/2 miles

Nov. 24th 1868
 Lat. 14° 20' N
 Long. 88° 26' E
 Barom. 12.8
 Therm. 84°

Steady NE winds with pleasant weather
 at 10.10.43 A.M. Obs. dist OC. Long. 88° 47' E
 Log distance 113 1/2 miles

Nov. 25th 1868
 Lat. 16° 8' N
 Long. 87° 7' E
 Barom. 12.8
 Therm. 81 1/2°

Brisk breeze from NE by N with pleasant weather
 at 9 A.M. Saw a ship bearing west steering to the South
 Log distance 130 miles
 S. 45° W 23 miles current

115

Log of Good Hope towards Calcutta

Nov. 26th 110 d Strong breezes from N by E to N by S with clear weather
 Lat. $17^{\circ} 1' N$ at 6 P.M. Tack'd Ship to the Eastward
 Long. $86^{\circ} 52' E$ at 2 A.M. Tack'd again to the Northward
 Wind, $1^{\circ} E$ Log. distance 131 miles
 Therm. 82° S. 77° W. 22 Miles current

Nov. 27th 111 d Commences with gentle breezes, S.E. and hazy weather
 Lat. $17^{\circ} 16' N$ at 8 P.M. Tack'd Ship to the ~~Northward~~ Eastward
 Long. $87^{\circ} 50' E$ latter part fresh breezes from N.N.E.
 Wind, $1^{\circ} E$ Bent the Cable this day
 Therm. 79° Log. distance $115\frac{1}{2}$ miles

Nov. 28th 112 d Fine weather with the wind from N by E to N.N.E.
 Lat. $17^{\circ} 6' N$
 Long. $89^{\circ} 4' E$ at 12 Midnight Tack'd Ship to the Northward
 Wind, $1^{\circ} E$ at 4 A.M. Tack'd to the Eastward
 Therm. 78° at 10 do Tack'd again to the N.W.
 Log. distance 111 $\frac{1}{2}$ miles

Nov. 29th 113 d First part Moderate N.W. winds with fine weather
 Lat. $18^{\circ} 14' N$
 Long. $88^{\circ} 26' E$ at 4 A.M. Tack'd Ship to the Eastward
 Wind, $1^{\circ} E$ Log. distance $119\frac{1}{2}$ miles
 Therm. 74° Commences with fresh breezes & hazy weather

Ship George S. Endicott from the 116

Nov. 30th 114 ds
Lat. 19° 6' N.
Long. 88° 9' E.
Barom. 14.5 E.
Therm. 78°

Strong breeze at NNE to NE by N with hazy weather
at 1 P.M. Saw a ship steering to the northward
at 8 P.M. Tacked ship to the northward
Log. distance 130 miles

Dec. 1st 115 ds
Lat. 19° 33' N.
Long. 88° 40' E.
Barom. 14.5 E.
Therm. 76°

Commenced with strong NNE winds and pleasant weather
at 4 P.M. Saw a ship steering to the southward
at 6 P.M. Tacked ship to the eastward
at 8 P.M. Tacked to the N.West.
Later part moderate breeze. Log. distance 124 miles

Dec. 2nd 116 ds
Lat. 20° 10' N.
Long. 87° 53' E.
Barom. 14.5 E.
Therm. 76°

Light unsteady winds from the northward
at 4 P.M. Tacked to the eastward
at 6 P.M. Tacked to the N.West
at 11 P.M. Tacked to the eastward
Ends with lively breeze of fine weather
Log distance 88 miles

Dec. 3rd 117 ds
Lat. 20° 33' N.
Long. 88° 36' E.
Barom. 14.5 E.
Therm. 76°

Throughout this day light northerly winds and
pleasant weather
at 1. 3. 6 P.M. Obs. dist OC. Long. 87° 57' East
at 8 P.M. Tacked ship to the N.West.
Log distance 13 1/2 miles

Cape of Good Hope¹¹⁷ towards Calcutta

Dec^r 4th 1814 Light Northerly winds with pleasant weather

Lat. 21.00' N at 6 P.M. Tacked ship to the North East.

Long. 87.40' E at 6 P.M. Sounded in 70 Fathoms. Muddy bottom

Barom. 30.0 at 12 Midnight S.d. in 50 Fathoms mud. Tacked ship
Therm. 60° to the S. West.

at 2 A.M. S.d. in 40 Fathoms Mud

" 3 " " 37 " "

" 4 " " 37 " "

" 5 " " 35 " "

" 6 " " 25 " "

" 10 " " 21 1/2 " "

Saw a Brig steering to the westward
at 10 A.M. Tacked ship to the Eastward
Ends with light air and pleasant weather
S 76° W 41 miles current Log. distance 66 miles

Dec^r 5th 1814 Commenced with light air and variable, fine weather

Lat. 21.2' N at 3 P.M. came too with the ledge in 16 Fathoms water mud

Long. 88.11.0 10 miles to the westward of the eastern sea reef

Barom. 30.0 at 6 P.M. a light breeze from the eastward weighed

Therm. 77° and made all sail for the East channel

Midnight calm came too with the ledge in 11 Fathoms

Heating Light. Lat. 21.2' N. S.d. tide setting strong to the S.W. at 7 A.M. weighed anchor

21.2' N. 88.25' E and stood to the Eastward. at 8 A.M. saw the Pilot Brig.

Keef Bruyn. off the tail of the Eastern sea reef in 7 Fathoms raised

21.12' N. 88.19' E a Pilot for Calcutta. 117 days from Limer

having sailed per Log. 15,735 miles

The George S. ... from Cape

Dec 16th

Light winds came on Eastward with pleasant weather
came too in the Eastern channel in 6 fms water
at 5 P.M. light breeze again and proceeded up river
at 5 P.M. saw Sauga Islands and at 4 P.M. came too
in Sauga roads in 6 fms of

In coming in from Sea the Pilot vessel with
a red flag at the top and a blue gullant mast
head you must steer for, she will give you a
Pilot. after the first of September you will always
obtain a Pilot about the tails of the ships.
Should never recommend any ones going to
roads from that time until the
sets in again.

William R. ... from Sauga roads Dec 16th
had light easterly winds all the way up river
and arrived at Cabott's Town Dec. the 12th
and Moor'd Ship at the H.C.S.

Ship George S. Smith from Calcutta
1827.

Jan. 4th 22nd

Ship leaves from the westward with fine weather at 11 A.M. unmoored ship and hauled into the stream at 12 the Pilot comes on board and took charge for Sea. Had moderate southerly winds the most of the time down river and on Sunday February the 4th got to Sea.

Feb. 5th 1st day

Lat. 26° 3' N

Long. 88° 33' W

Wind. 2° E.

Therm. 77°

Gentle breeze from S.W. at 2 P.M. at the reef Buoys discharged the Pilot & leadsmen & stood for Sea. at 3 P.M. The floating Light buoy in the Lat of 21° 2' N. Long. 88° 25' East. bore East for compass 1/2 mile from which I date my departure.

Log. distance 58 1/2 miles

Feb. 6th 2nd day

Lat. 19° 9' N

Long. 89° 9' E

Wind. 2° E.

Therm. 76 1/2°

Light S.W. winds with pleasant weather unmoored the cables and stowed the anchors

Southerly set of 10 miles

Log. distance 47 miles

Feb. 7th 3rd day

Lat. 18° 36' N

Long. 88° 54' E

Wind. 2° E.

Therm. 78°

Light air from the westward. with calm S

Log. distance 15 1/2 miles

Southerly set of 18 miles

Towards the ¹²¹ Cape of Good Hope

Feb. 8th 4th d
 Lat. 18° 11' N
 Long. 38° 14' E
 Barom. 29.8
 Therm. 78°

Light air from the S. East

Log distance 31 miles

Feb. 9th 5th d
 Lat. 17° 51' N
 Long. 37° 44' E
 Barom. 29.6
 Therm. 80°

Light air from the E. and S. E. variable

Log distance 34 miles

Feb. 10th 6th d
 Lat. 17° 29' N
 Long. 37° 18' E
 Barom. 29.2
 Therm. 78°

Light day as above

Log distance 14 miles

Feb. 11th 7th d
 Lat. 15° 54' N
 Long. 37° 3' E
 Barom. 29.0
 Therm. 78°

Commences with light easterly winds with pleasant weather. Set the standing Sails

Terminates with fine breeze & good weather

Log distance 98 miles

Ship George 122 S. Hancock from

Feb. 12th 2 ds
Lat. 13° 52' N
Long. 86° 52' E
Barom. 29.8
Therm. 80°

Gentle breeze from the eastward with pleasant weather.

Log distance 126 miles

Feb. 13th 9 ds
Lat. 11° 29' N
Long. 86° 46' E
Barom. 29.8
Therm. 80 1/2°

First part fine breeze from E by N. with pleasant weather

Later part hazy.

Log distance 152 1/2 miles

Feb. 14th 10 ds
Lat 9° 13' N
Long. 86° 31' E
Barom. 29.8
Therm. 81°

Modest E N E & N E winds with hazy weather

Log distance 136 1/2 miles

Feb. 15th 11 ds
Lat. 6° 40' N
Long. 86° 14' E
Barom. 29 1/2
Therm. 81 1/2°

Brisk N E winds with good weather

Log distance 152 miles

Calcutta. ¹²³ Towards Cape of Good Hope

Feb 4th 12^{ds} First part of this day Moderate ENE winds
 Lat. $4^{\circ} 24' N$ with pleasant weather
 Long. $85^{\circ} 38' E$ Latter part NNE winds & Squally
 Baro $1^{\circ} E$. Log. distance 42 miles
 Therm 80°

Feb 4th 13^{ds} First part squally with rain heavy thunder &
 lightning, made all snug.
 Lat. $3^{\circ} 28' N$ Middle part Calm
 Long. $85^{\circ} 26' E$ Latter part light air from the westward
 Baro $1^{\circ} E$. with good weather Made all sail
 Therm 82°
 Log distance 52

Feb 18th 14^{ds} Light NEast winds with pleasant weather
 Lat. $1^{\circ} 47' N$
 Long. $85^{\circ} 26' E$ at $8^{\circ} 58' 8''$ Sd. Obs dist Cl. Long. $85^{\circ} 30' E$ East
 Baro 0
 Therm 84° Satisfactory set of 13 miles Log. distance 88 miles

Feb 19th 15^{ds} Commenced with light breezes and pleasant
 Lat. $00^{\circ} 37' N$ winds variable
 Long. $85^{\circ} 35' E$ Middle part Squally
 Baro 0
 Therm 82 Latter part light SE winds & cloudy
 No obs. that day
 Log distance $6\frac{1}{2}$ miles

124.
High George St. Crockery from Calcutta

Feb. 20th 1845
Lat. 10: 35' South
Long. 85: 34.8
Barom 2.
Therm 82°

Light SE winds & cloudy

Middle & Latter part light air & pleasant

Log distance 35 miles

a southerly set of 37 miles this last 2 days

Feb. 21st 1845
Lat. 1: 10' S
Long. 85: 36.8
Barom 0
Therm 85°

Light air from the northward with warm pleasant weather

Log distance 26 1/2 miles

Feb. 22 1845
Lat. 1: 51' S
Long. 85: 53.8
Barom 0
Therm 82°

Light variable winds & pleasant

Middle & Latter part inclines to southerly

Log distance 40 miles

Feb. 23 1845
Lat. 3: 47' S
Long. 85: 37.8
Barom 2
Therm 79°

Commences with brisk breezes and passing clouds
winds W.N.W.

Middle part squally with lightning

Latter part rainy

No Obsⁿ this day

Log distance 118 1/2 miles

Savannah

Cape of Good Hope

Feb. 24th 20th ds
 Lat. 5:26'S
 Long. 86:23'E
 Barom 0
 Therm 83°

First part light north winds & cloudy
 from 5 to 10 P.M. heavy squalls from the westward
 Latter part gentle breeze from S.W. with
 good weather
 a North easterly current the last 2 days of 50 miles
 Log distance 114 1/2 miles

Feb. 25th 21st ds
 Lat. 6:11'S
 Long. 86:48'E
 Barom 0
 Therm 83 1/2°

Moderate breezes from W.S.W. with good weather
 N. 53:6 31 miles current.
 Log distance 39 miles

Feb. 26th 22nd ds
 Lat. 7:00'S
 Long. 86:48'E
 Barom 0
 Therm 82°

First part light air from the westward & pleasant
 Middle part cloudy
 from 6 to 9 A.M. squally with rain thunder & lightning
 Ends pleasant
 Log distance 36 miles

Feb. 27th 23rd ds
 Lat. 8:00'S
 Long. 86:22'E
 Barom 0.45'S
 Therm 84°

Commences with light air from the westward
 at 6 P.M. a light breeze from S.E. breeze round the yards
 Latter part increasing breeze with passing squalls
 Log distance 56 1/2 miles

126

Ship George S. Carding from Calcutta

Feb 28th 24th Commences with brisk SE trades and squally
 Lat. 10° 20' S
 Long. 84° 40' E Middle & latter parts as above
 Bar 1 1/2"
 Therm 82°
 Log distance 171 miles

March 1st 25th First & middle parts brisk trades & squally
 Lat. 12° 23' S
 Long. 82° 35' E Ends with continued squalls dark weather and
 copious rain Took in & made sail occasionally
 Bar 2"
 Therm 80°
 No Obsⁿ this day
 Log distance 174 miles

March 2^d 26th Commences with light winds & cloudy
 Lat. 13° 58' S at 5 P.M. set the Studding Sails
 Long. 85° 29' E Middle part pleasant.
 Bar 3"
 Therm 84° at 10^h 28.30 A.M. Obs dist OC. Long. 80° 3' East
 Terminates with fine trades & good weather
 Westward set of 29 miles Log distance 141 1/2 miles

March 3^d 27th Brisk SE trades with fine weather
 Lat. 15° 55' S
 Long. 77° 44' E
 Bar 3 1/2"
 Therm 83 1/2°
 Bar 3 1/2" for 172.05/16 3° 27' west
 Log distance 182 miles

127

Towards Cape of Good Hope

March 4th 31st
 Lat. 17° 43' S.
 Long. 75° 11' E.
 Wind 3° W.
 Therm 83°

Wind blew from SE to SSE with good weather
 at 1 P.M. Obs dist CC. Long. 77° 46' 45" E

Log distance 195 1/2 miles

March 5th 31st
 Lat. 19° 34' S.
 Long. 71° 7' E.
 Wind 1/2 W.
 Therm 82°

This day as above

Varied from N. by E 6° 25' west

Log distance 183 miles

March 6th 30th
 Lat. 20° 39' S.
 Long. 69° 48' E.
 Wind 8° W.
 Therm 81 1/2°

First part pleasant winds SSE - East
 at 2 P.M. Obs dist CC. Long. 72° 16' E
 Latter part gentle breezes & hazy

Log distance 169 miles

March 7th 31st
 Lat. 21° 46' S.
 Long. 66° 55' E.
 Wind 9 1/2 W.
 Therm 80°

First part gentle breezes from East with passing clouds

Latter part Squally with rain

Log distance 174 miles

March 8th 32nd
 Lat. 22° 33' S.
 Long. 64° 16' E.
 Wind 11° W.
 Therm 80 1/2°

Barometer Moderate & cloudy

Middle & Latter part Squally with rain

Log distance 154 miles

128

Ship *Gloire* S. Condole from *Patletta*

March 4th 32 d. Throughout this day Squalls uncommon - weather
 Lat. 23° 22' S winds variable from ENE to SSE.
 Long. 62° 4' E a high swell from SE and
 Drift 12 1/2' W a steady set of 16 miles
 Therm. 80° Log distance 126 miles

March 10th 34 d. commences with gentle breezes and good weather
 Lat. 24° 00' S
 Long. 58° 48' E Middle & Latter part fine breezes from SSE with
 Drift 14 1/2' W good weather. Drift per 11 f. dist. 14 1/2' west
 Therm. 80 1/2' Log distance 168 1/2 miles

March 11th 35 d. Breeze fades with good weather
 Lat. 24° 57' S all sail set before the wind
 Long. 55° 36' E
 Drift 16 1/2' W Log distance 185 1/2 miles
 Therm. 80°

March 12th 36 d. Fine breezes from the Eastward with pleasant weather
 Lat. 25° 49' S
 Long. 52° 44' E Latter part strong breezes & cloudy
 Drift 18 1/2' W
 Therm. 81° Log distance 178 miles

March 13th 3966 commenced with strong breezes from E.N.E.
 Lat. 26° 47' S. and squally weather.
 Long. 50° 28' E. at 4. till 10.00 in S.G. Sails down except the topmasts
 Barom. 20" & hauled in Mainsail at 6.00 in Main topmast
 Therm. 80° the wind hauled suddenly to the westward in a
 heavy squall with rain thunder & lightning
 at 10.00 wore ship to the Northward
 Ends with strong west winds & high sea
 Log distance 155 1/2 miles

March 14th 3866 First part strong west & S.W. winds with a
 Lat. 26° 28' S. high sea at 9. till at 2.00 up out the topmasts
 Long. 48° 29' E. set 1st & main
 Barom. 21" & Latter part moderate S.W. winds & pleasant
 Therm. 78° out all reefs & set top galleon sails
 23 miles westerly set.
 Log distance 90 1/2 miles

March 15th 3966 Moderate breezes from S.W. to South with
 Lat. 27° 11' S. pleasant weather.
 Long. 45° 56' E. set top mast & top galleon sliding sails
 Barom. 22" & Therm. 77°
 Barom. in M. 21.50" west
 Passed through very strong tide rips
 18 miles westerly current.
 Log distance 134 1/2 miles

130

Ship George S. Smith from Calcutta

March 16th 40 ds
 Lat. 27° 53' S
 Long. 42° 44' E
 Variat. 23½° W
 Therm 76½°

Throughout this day pleasant weather
 winds E by S all sail set before the wind

Variat. in M. A. W. 23° 24' West
 Log distance 162 miles

March 17th 41 ds
 Lat. 28° 13' S
 Long. 40° 22' E
 Variat. 24½° W
 Therm 78½°

First part gentle East winds with pleasant weather
 Middle part light air
 Latter part light southerly winds & pleasant

32 Miles westerly current

Log distance 105½ miles

March 18th 42 ds
 Lat. 29° 4' S
 Long. 37° 55' E
 Variat. 25½° W
 Therm 77°

Commenced moderating pleasant
 at 6 P.M. strong winds from West with a high sea
 Took in J.C. Sails & double reefed the topsails
 at 6 A.M. moderate out reef & set S.C. Sails
 Ends moderate & pleasant.

18 miles westerly current.

Log distance 126 miles

March 19th 43 ds
 Lat. 30° 20' S
 Long. 35° 57' E
 Variat. 26½° W
 Therm 79½°

First part light air from the Southward
 Variat. in E. A. W. 25° 58' West

Middle part fine breeze from E by S & pleasant
 Saw a Ship bearing west steering to the westward
 Terminates with strong West winds & good weather

11 Miles westerly current

Log distance 116½ miles

131

Towards Cape Good Hope

March 20th 46th Commences with fair. The winds of pleasant weather
 Lat. 31° 48' S
 Long. 33° 40' E Middle part strong breezes & squally
 Bar. 27.5 in at 2 till in a squall with lightning & rain the wind
 Therm 74° Shifted suddenly to the S. West Took in S.G. sails
 & close reefed the foresails, at 3 till wore ship to the
 Southwest at 8 took in the mainsail & reefed the fore sail
 at 11 till more moderate set the reef out the foresail
 & set the reefed mainsail
 Ends with strong S.W. winds & a high sea
 Log distance 149 miles

March 21st 45th Commences with strong S.W. winds & pleasant weather
 Lat. 31° 36' S a ship in sight bearing N by E showing American colors
 Long. 31° 45' E
 Bar. 28.5 in
 Therm 71°
 Dana in M^y. at 29.02' west
 Latter part moderate Southerly winds
 Made all sail

March 22nd 46th Commences moderate & pleasant a high irregular
 Lat. 33° 42' S sea on. winds Southerly & very unsteady
 Long. 29° 32' E Middle & Latter parts brisk breezes from E & NE
 Bar. 30.0 in with fair weather
 Therm 72° a Southerly current of 18 miles
 Log distance 156 miles

132

Ship George S. Endicott from Calcutta

March 23. 47 d

Lat. 35° 4' S

Long. 26° 17' E

Varia 30° W

Therm 75

First part gentle breeze from E by N

Middle and latter parts strong breezes

at ESE. with thin clouds

all sail set before the wind

Log distance 186 1/2 miles

March 24. 48 d

Lat. 36° 2' S

Long. 21° 51' E

Varia 30° W

Therm 76

Brisk breeze ESE winds with pleasant weather

Varia in M. Az. 30° 3' west

Water discoloured / Lagullas Bank

S 37° W. 39 miles current

Log distance 193 1/2 miles

March 25. 49 d

Lat. 35° 33' S

Long. 18° 10' E

Varia 29 3/4° W

Therm 74

Throughout this day fine S. wind with clear weather all sail set

Varia in M. Az. 29° 44' W

S. 37° W. 13 miles current

Log distance 17 1/2 miles

133

Towards Cape of Good Hope } Valer

March 26th 50 d
Lat. 33:50 S
Long. 15:4 E
Barom. 29" W
Therm. 70°

Bush SE winds with good weather
at 4 AM saw a ship bearing SE. steering to
the Northward

Log distance 176 1/2 miles

March 27th 51 d
Lat. 32:32 S
Long. 13:25 E
Barom. 28" W
Therm. 71°

Moderate southerly winds with cloudy weather
Barom. in E. at 28:38' west
at 6 AM saw a ship bearing west nearly to the
Northward.

Log distance 15 1/2 miles

March 28th 52 d
Lat. 30:34 S
Long. 10:57 E
Barom. 27" W
Therm. 69°

First part gentle breezes with cloudy weather

Middle & latter parts bush SSW winds
with good weather

Log distance 15 1/2 miles

March 29th 53 d
Lat. 28:36 S
Long. 8:28 E
Barom. 26" W
Therm. 71°

Commences with fine SSW winds with clear
weather.

Barom. in E. at 26:42' W
Terminals moderate & pleasant.

Log distance 16 1/2 miles

134

Sigsbee & Endicott from

March 30. 54 ds Gentle breeze from the Southward with pleasant weather
 Lat. 26° 51' S
 Long. 6° 15' E
 Baria 25" W
 Therm 71°
 Leg distance 14 1/2 miles

March 31. 55 ds Throughout this day light SSE winds with clear weather
 Lat. 25° 31' S
 Long. 4° 34' E
 Baria 24 1/2" W
 Therm 73°
 Leg distance 33 miles

April 1st 56 ds This day as above.
 Lat. 24° 9' S
 Long. 2° 50' E
 Baria 24" W
 Therm 72°
 Baria from E. 1/2 S 24 1/2" W
 Leg distance 28 miles

April 2. 57 ds Light unsteady winds varying from SE to South
 Lat. 23° 4' S
 Long. 1° 38' E
 Baria 23 1/2" W
 Therm 72°
 at 1. 2. 22 P.M. Obs dist OC. Long 2° 33' East
 Leg distance 86 miles

Cape of Good Hope ¹³⁵ Towards Zulu

April 3rd 58 ds First part gentle breeze from S.E. pleasant weather
 Lat. 21° 35' S at 1° 52' 12" E to dist O.C. Long. 1° 29' 15" East
 Long. 00° 16' west
 Wind 23° W
 Therm. 75°
 Wind from N.W. at 23° 21' west
 Latter part brisk breezes from East.

Log distance 141 1/2 miles

April 4th 59 ds This day light unsteady winds with pleasant weather
 Lat. 20° 11' S
 Long. 1° 33' W
 Wind 22° W
 Therm. 75°
 Log distance 105 1/2 miles

April 5th 60 ds Throughout this day pleasant weather
 Lat. 19° 20' S winds very light and unsteady varying from East
 Long. 2° 30' W to S.S.E.
 Wind 22° W
 Therm. 73°
 Wind from N.W. at 22° 31' west
 Log distance 71 miles

April 6th 61 ds First part light winds at S.S.E. with pleasant weather
 Lat. 17° 56' S
 Long. 4° 00' W
 Wind 22° W
 Therm. 75°
 Middle part light squalls with rain
 Ends with gentle breezes & pleasant weather

Log distance 122 miles

Ship George S. Emory from Cape

136

April 7th 63rd Moderate trades with fine weather
Lat. 16° 23' S
Long. 5° 24' W
Variation 21 1/2° at 11 A.M. saw the Island of St. Helena bearing from
Therm 76 compass 16° 10' 1/2" at 50 miles.

Log distance 126 1/2 miles

April 8th 63rd Throughout the day gentle trades with fine clear
Lat. 15° 17' S weather, saw 2 ships steering for St. Helena.
Long. 6° 29' W
Variation 21 1/4°
Therm 75°
Variation for 29 April 21.8 west
for 1 May 21.10 west
at 9 A.M. Obs. dist. D 4 * 15 Pallua & Spier Long. 5° 27' west.
at 12 Midnight began to see faint light of St. Helena, bore
for compass S.E.W. distance 15 miles.

at 11 A.M. lost sight of St. Helena. This Island
may be seen very distinctly 55 miles off a clear day.
Log distance 147 miles

April 9th 63rd First, gentle light winds & pleasant
Lat. 14° 5' S
Long. 8° 16' W
Variation 20 3/4°
Therm 76.
Middle & latter parts increasing breezes

Variation for 1 May 20.38 west

Log distance 126 1/2 miles

of Cross - Bore ¹³⁷ Towards Salem

April 10th 65 ds
Lat. 12° 51' S
Long. 10° 20' W
Barom. 19 1/4 in
Therm 77°

Sea steady trade with pleasant weather.

Log distance 150 miles

April 11th 66 ds
Lat. 11° 31' S
Long. 12° 42' W
Barom. 18 1/2 in
Therm. 78°

Bush trades from SE by S to S E by E with some light showers of rain during the day

Log distance 153 miles

April 12th 67 ds
Lat. 10° 5' S
Long. 15° 8' W
Barom. 17 1/4 in
Therm 79°

Strong trades with flying clouds

Log distance 172 miles

April 13th 68 ds
Lat. 8° 31' S
Long. 17° 31' W
Barom. 17 1/4 in
Therm. 79 1/2°

Steady breezes from SE & cloudy weather.

Middle & latter parts inclining to squalls

Log distance 167 miles

Baromⁿ for M^y 13th 17 1/2 in

Ship *George S. Gardner* from Cape of 138

April 14th 69

Lat. $7^{\circ} 9' S$

Long. $19^{\circ} 58' W$

Baric. $16\frac{1}{2}'' W$

Therm. 81°

Brisk trades with frequent squalls

Terminates pleasant

Log distance 181 miles

April 15th 70

Lat. $5^{\circ} 34' S$

Long. $22^{\circ} 9' W$

Baric. $15\frac{1}{2}'' W$

Therm. 81°

Fine breeze with good weather

Baric. for May 15th $15^{\circ} 37' W$

Log distance 168 miles

April 16th 71

Lat. $4^{\circ} 10' S$

Long. $24^{\circ} 19' W$

Baric. $14\frac{1}{2}'' W$

Therm. $81\frac{1}{2}^{\circ}$

Commences with gentle trades and cloudy weather.

Middle of latter parts pleasant

at $8^{\circ} 30' 16''$ Alt Obs dist OC. Long. $24^{\circ} 10' 15''$ west

Log distance 148 1/2 miles

April 17th 72

Lat. $2^{\circ} 46' S$

Long. $26^{\circ} 19' W$

Baric. $13\frac{3}{4}'' W$

Therm. 82°

Moderate trades with good weather

Baric. for May 13th $13^{\circ} 30' W$ west

N $70^{\circ} W$ 16 miles current

Log distance 131 1/2 miles

Good Hope towards 139

April 18th 1766
 Lat. 1° 22' S.
 Long. 27° 16' W.
 Barom. 30.25
 Therm. 87°
 Commenced with light winds and cloudy
 latter part pleasant.
 Log. distance 102 miles
 N 54° W 12 miles current

April 19th 1766
 Lat. 1° 24' S.
 Long. 28° 1' W.
 Barom. 30.15
 Therm. 88°
 First part light southerly winds & pleasant
 Barom. from 6th of 11:38 west
 Middle & latter part squally with rain
 at 2. A.M. saw a Ship steering to the Southward
 Log distance 66 1/2 miles

April 20th 1766
 Lat. 0° 15' North, with pleasant weather all sail set before the wind
 Long. 28° 59' W.
 Barom. 30.15
 Therm. 81°
 Throughout the day light southerly winds
 Barom. from 6th of 11:30 W -
 8th from 11th of 10:53 W -
 at 6 A.M. saw a brig steering to the Northward
 at 10th 35' 20" A.M. at 10th 00' Long. 28° 29' west
 N 76° W. 15 miles current. Log. distance 52 miles

April 21st 1766
 Lat. 1° 37' N.
 Long. 30° 00' W.
 Barom. 30.45
 Therm. 81°
 First part light air from the Eastward
 Middle part southerly winds inclining to squalls
 at 8 A.M. spoke & boarded the Brig Paragon of Boston
 J. Durant / late woods Master / from the coast of Africa
 & Prince's Island 23 days out bound to Boston
 supplied her with bread &c.
 N 33° W. 20 miles current Log distance 84 miles

Ship George S. Endicott from Cape

April 22nd 77th de Commenced with brisk breeze from the westward
 Lat. 2° 32' N will rain.
 Long. 29° 54' W Middle part calm
 Barom. 10 1/2" W. Latter part light southerly wind & pleasant.
 Therm. 81° Log. distance 43 miles
 N 33° E 25 miles current.

April 23rd 78th de First part light southerly wind & pleasant.
 Lat. 3° 27' N at 4 P.M. Tack'd ship to the westward
 Long. 30° 31' W Middle part light breeze from S.W.
 Barom. 10 1/4" W at 7 A.M. saw a big steering to the Northward
 Therm. 80° Termination squally with rain
 Log. distance 57 1/2 miles

April 24th 79th de Commenced calm
 Lat. 3° 53' N Barom. from E by S by E 10° 8' west.
 Long. 30° 59' W Middle & Latter part light air from the
 Barom. 10 1/4" West eastward with pleasant weather.
 Therm. 81° Log. distance 36 1/2 miles

April 25th 80th de First part light variable air & cloudy
 Lat. 4° 20' N from 8 P.M. to 8 A.M. heavy rain with lightning
 Long. 31° 27' W Termination cloudy
 Barom. 10" W No obsⁿ this day.
 Therm. 80° Log. distance 42 1/2 miles

141

Good Hope towards Salem

April 26th 81ds
 Lat. 5° 21' N.
 Long. 32° 29' W.
 Barom. 10" west
 Therm. 82°

Commenced with calm steady weather
 at 9 P.M. a light breeze from the N.E.
 Middle boat increasing breeze with pleasant
 weather. Barom. per M.J. Azth. 10° 14' west

Terminated with a fine N.E. trade & good
 weather. Log. distance 89 1/2 miles

April 27th 82ds
 Lat. 7° 6' N.
 Long. 34° 38' W.
 Barom. 9 1/2" W.
 Therm. 81 1/2°

Fine trades with clear weather
 also sail set by the wind
 Barom. per M.J. Azth. 9° 16' west
 Log. distance 166 miles

April 28th 83ds
 Lat. 8° 58' N.
 Long. 36° 52' W.
 Barom. 8 1/2" W.
 Therm. 82°

Breeze N.E. trades with pleasant weather
 at 6 P.M. set fore to main standing sail
 at noon saw a ship bearing N.W. by N steering to
 the Northward Log. distance 187 1/2 miles

April 29th 84ds
 Lat. 10° 57' N.
 Long. 39° 27' W.
 Barom. 7 1/2" W.
 Therm. 80°

Fine breeze with clear weather.
 Barom. per M.J. Azth. 7° 6' west
 at 11 A.M. set top gallant standing sail
 Log. distance 188 miles

Ship

George

142

S. Endicott & Son

1897.

April 30th 85 ds

Lat. 2° 56' N.

Long. 42° 9' W.

Drift. 6 1/2' W.

Therm. 79 1/2°

Strong trade NE to NE by E. with pleasant weather.

Drift for Morning Azimuth 6 1/2' W

Log distance 195 1/2 miles

May 1st 86 ds

Lat. 15° 15' N.

Long. 44° 44' W.

Drift. 5 3/4' W.

Therm. 80°

Calm minus with fine breeze and good weather at 1. All in S. by E. heading S. by E.

Middle & latter part strong breeze with good weather

at 10. 5 1/2' 40" S. by E. Obs. distance Cl. Long. 44° 44' W

Log. distance 209 miles

May 2nd 87 ds

Lat. 17° 41' N.

Long. 47° 20' W.

Drift. 5 1/2' W.

Therm. 80°

First part fine breeze & pleasant.

Middle part heading to Squalls

Drift for Morn. Azth 5° 25' W

Log distance 201 miles

May 3rd 88 ds

Lat. 19° 52' N.

Long. 49° 36' W.

Drift. 5° W.

Therm. 79 1/2°

Throughout this day brisk trades from NE to NE by E. with fine weather.

Drift for Morn. Azth 4° 52' W

Log distance 194 miles

Cape of Good Hope ¹⁴³ towards Valence

Apr 4th 1844 Letter tendered from Cape with pleasant weather

Lat. 31° 55' N.

Long. 51° 40' W.

Barom. 49" W.

Therm. 77°

Barom. per Long. 49" 46' W

Log. distance 18 miles

Apr 5th 1844 Letter tendered from Cape to East. with pleasant weather.

Lat. 31° 55' N.

Long. 51° 21' W.

Barom. 50" W.

Therm. 70°

at 5.50. 11.46. 1.50. 3.00. Long. 51° 21' W.

Log. distance 15 1/2 miles

Apr 6th 1844 Letter tendered from Cape with pleasant weather

Lat. 31° 55' N.

Long. 54° 40' W.

Barom. 50" W.

Therm. 78°

at 4.00. 11.46. 1.50. 3.00. Long. 52° 28'

at 5.50. 11.46. 1.50. 3.00. Long. 52° 28'

at 6.56. 8.00. 10.00. 11.00. Long. 52° 38'

on 31. 32 time

mean 51.33 west

terminates with westerly winds & pleasant weather

Log. distance 12 1/2 miles

Apr 7th 1844 Commences with light easterly winds & cloudy weather

Lat. 31° 41' N.

Long. 55° 39' W.

Barom. 6" W.

Therm. 70°

Barom. per Long. 49" 46' W

Letter - good light breeze from West

Log. distance 22 miles

144

Ship *Glacier* J. Amelotti from Cape of

May 8th 92 ds.
Lat. 29° 30' N.
Long. 55° 36' W.
Barom. 30.1
Therm. 77°

Throughout light breeze from West with pleasant weather. at 3.15 took ship to the mountain middle part calm
Terminale with light winds from South.
Log distance 36 miles

May 9th 94 ds.
Lat. 28° 10' N.
Long. 56° 35' W.
Barom. 30.0
Therm. 74°

First & middle part of this day light winds from West with pleasant weather
Barom. for E. 30.1 11' west
Latter part squally with rain.
is 10.15 this day
Log distance 92 miles

May 10th 95 ds.
Lat. 28° 55' N.
Long. 56° 52' W.
Barom. 30.0
Therm. 75°

Squally unsteady weather with rain
Latter part calm
Log distance 28 miles

May 11th 96 ds.
Lat. 29° 43' N.
Long. 57° 48' W.
Barom. 30.0
Therm. 73°

Throughout this day light breeze from the Eastward with pleasant weather
Log distance 65 miles

Good Hope Islands Table

115.

May 12th 9th ds. Light Southby winds with pleasant weather
 Lat. 31.07 N
 Long. 58.55 W
 Wind 11th W
 Therm 74th
 Log distance 104 miles

May 13th 9th ds. Commences with gentle breeze and pleasant weather
 Lat. 32.54 N
 Long. 60.9 W
 Wind 8th W
 Therm 68th
 at 2.30 sail
 Middle part squally with rain. Thunder light rain
 Sail in the light sails & reefed the topsails
 at 6.00 the wind shifted suddenly to the
 South and soon ship to the westward
 Terminates Moderate & clear sky. Made all sail
 7.16 21 miles current. Log distance 129 miles

May 14th 9th ds. Commences with Moderate S.W. winds & pleasant
 Lat. 33.51 N
 Long. 62.27 W
 Wind 8th W
 Therm 66th
 at 4.00. Sail ship to the northward
 at 6.00 saw a Bay steering to the westward
 Middle part calm with cloudy weather
 Terminates with light westerly winds with squalls
 at 10.00. Sail ship to the westward
 Log distance 57 miles

May 15th 9th ds. Commences calm at 1.00 a light air from
 Lat. 34.05 N
 Long. 63.24 W
 Wind 8th W
 Therm 67th
 at 1.00
 Middle part light W. S.W. winds & pleasant
 Terminates with brisk breeze & squalls
 at 8.20 sail
 Log distance 37 1/2 miles

Ship George S. Goodrich from Cape of 146

May 16th 101st d. East port left S.W. wind with rain
 Lat. 36.00 N. Middle of latter part brisk breeze from
 Long. 62.10 W. the N.E. with pleasant weather
 Wind 9° W.
 Therm. 65°
 Log distance 127 miles

May 17th 102nd d. Strong east & West winds with pleasant
 Lat. 27.14 N. weather.
 Long. 63.30 W. at 4.50 P.M. Tack'd ship to the westward
 Wind 10° W. at 6 P.M. Tack'd to the Northward
 Therm. 67° Single rapid squalls with S.E. sails on
 S. 59° E. 17 miles current.
 Log distance 116 1/2 miles

May 18th 103rd d. Commenced with strong W.S.W. wind & squalls
 Lat. 38.54 N. Wind from E. by N. 11:20 A.M.
 Long. 64.12 W. from 5 to 2 P.M. Squally with rain. Middle of
 Wind 11° W. Look in hail occasionally
 Therm. 69 1/2° Breeze pleasant. Log distance 116 miles

May 19th 104th d. Commenced moderate at 4. P.M. Strong breeze
 Lat. 29.32 N. Took in S.E. sail & hauled rapid the topsails
 Long. 65.29 W. Middle part squally with heavy showers of light rain
 Wind 11° close rapid the topsails sent down in 6 seconds
 Therm. 57° Terminated with strong N.E. wind & cloudy weather
 water 70°
 Log distance 80 miles

Good Hope towards Salem

May 21. 1854 First out strong S.W. winds & cloudy.
Lat. 40.40 N at 8 P.M. Temperature of the water 52°. air 52°
Long. 67.23 W at 10 P.M. Saw a ship bearing N.E. steering to the north
Wind. 9° W at 11 P.M. Temperature of the water 47°
Therm. 51° at 12 Noon. Landed in 55 fathoms black & white
sand. S.E. part of Georges Bank.
N 35. E 32 miles current. Log. distance 122 miles

May 21. 1854 Throughout this day light air from S.W. & clear weather
Lat. 40.40 N at 10 P.M. Saw a ship to the Northward
Long. 68.24 W at 4 P.M. landed in 47 fathoms black & white
Wind. 8° W sand.
Therm. 57° at 4 P.M. 21 miles current. Log. distance 53 1/2 miles

May 22. 1854 Light Easterly winds with pleasant weather
Lat. 41.55 N at 9 P.M. landed in 43 fathoms coarse red ground
Long. 69.27 W with small black stones.
Wind. 7° W better from gentle S.W. winds with pleasant
Therm. 57° weather. Saw several dolphins.
Log. distance 91 miles

May 23. 1854 Breeze with fair breeze & pleasant
Lat. 42.14 at 2 P.M. saw Cape Cod bearing west at 15 miles
Long. 70.35 at 3 P.M. saw Cod light house bore S.W. 3 miles. Saw Point
Wind. 7° S.W. 10 miles. at 10 P.M. Boston light bore west. Bakers Island
Therm. light N.W. Hatches Island light N.W. bore too far daylight
at 4 P.M. made sail. at 6 passed Baker Island and at
8 P.M. came to anchor in Salem Harbour.

21 blank pages follow

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Abstract of the ¹⁴⁹ foregoing Journal outward

Date	Course	dist. miles	diff. Lat.	diff. Long.	Longitude by Obs ⁿ time	Lat.
1826.						
Aug ⁹ th	S 47° E.	103	70. S	76. E.	1° 42' E.	68° 52' W
" 10 th	S. 13° E.	36	36. S.	8. E.	0° 11' E.	68° 41' W
" 11 th	S. 62° E.	53	25. S.	46. E.	1° 00' E.	67° 41' W
" 12 th	N 50° E.	108	60. N.	83. E.	1° 50' E.	65° 51' W
" 13 th	S. 20° E.	93	84. S.	32. E.	00° 42' E.	65° 9' W
" 14 th	N. 57° E.	53	22. N.	43. E.	00° 58' E.	64° 11' W
" 15 th	N. 49° E.	50	18. N.	37. E.	00° 49' E.	63° 22' W
" 16 th	S. 39° E.	61	38. S.	44. E.	00° 58' E.	62° 24' W
" 17 th	S. 44° E.	45	20. S.	31. E.	00° 41' E.	61° 43' W
" 18 th	N. 55° E.	94	54. N.	77. E.	1° 42' E.	60° 1' W
" 19 th	N 88° E	116	6. N.	114. E.	2° 34' E.	57° 27' W
" 20 th	S. 78° E.	152	48. S.	149. E.	3° 18' E.	54° 9' W
" 21 st	S. 68° E.	126	52. S.	116. E.	2° 34' E.	51° 35' W
" 22 nd	S. 56° E.	99	48. S.	82. E.	1° 48' E.	49° 49' W
" 23 rd	S. 70° E.	41	14. S.	38. E.	1° 57' E.	48° 57' W
" 24 th	S. 20° E.	45	36. S.	15. E.	0° 20' E.	48° 37' W
" 25 th	S. 18° E.	64	60. S.	20. E.	0° 22' E.	49° 18' W
" 26 th	S. 44° E.	117	84. S.	80. E.	1° 41' E.	47° 37' W
" 27 th	S. 50° E.	88	57. S.	67. E.	1° 23' E.	46° 14' W
" 28 th	S. 49° E.	158	90. S.	120. E.	2° 25' E.	43° 49' W
" 29 th	S. 55° E.	85	48. S.	69. E.	1° 22' E.	43° 8' W
" 30 th	S. 57° E.	141	77. S.	119. E.	2° 20' E.	40° 48' W
" 31 st	S. 50° E.	176	118. S.	135. E.	2° 37' E.	38° 11' W
Sept ^r 1 st	N 88° E	103	1. N.	103. E.	1° 58' E.	36° 13' W
" 2 nd	South	107	107. S.	0	"	36° 13' W
" 3 rd	S. 13° E.	124	110. S.	28. E.	00° 31' E.	35° 42' W

Date.	Course	Dist.	Diff. Lat.	Depth.	Diff. Long.	Amplitude	Obs.	Chro.	Lat.
Sept 4 th	S. 33° E	134	121.5	74.6	1° 22' E	24° 22' W	"	35° 6' 30" W	24° 4' S
" 5 th	S. 38° E	130	114.5	87.6	1° 35' E	32° 47' W	"	33° 58' W	22° 15' S
" 6 th	S. 38° E	172	133.5	106.6	1° 53' E	30° 54' W	"	32° 33' W	19° 59' S
" 7 th	S. 36° E	102	148.5	107.6	1° 52' E	29° 2' W	"	30° 58' W	17° 52' S
" 8 th	S. 35° E	170	141.5	98.6	1° 42' E	27° 20' W	"	29° 41' W	15° 13' S
" 9 th	S. 32° E	108	140.5	101.6	1° 54' E	25° 26' W	"	28° 12' W	12° 34' S
" 10 th	S. 45° E	116	90.5	81.6	1° 23' E	24° 3' W	26° 55' W	27° 8' W	11° 12' S
" 11 th	S. 43° E	95	69.5	65.6	1° 6' E	25° 49' W	26° 19' W	26° 5' W	10° 20' S
" 12 th	S. 40° E	102	70.5	65.6	1° 6' E	25° 13' W	"	24° 36' 30" W	8° 45' S
" 13 th	S. 38° E	54	24.5	23.6	0° 23' E	24° 50' W	"	24° 00' W	7° 30' S
" 14 th	S. 43° E	127	103.5	86.6	1° 27' E	23° 23' W	"	22° 19' W	6° 50' S
" 15 th	S. 40° E	116	89.5	75.6	1° 15' E	22° 8' W	"	21° 3' W	5° 12' S
" 16 th	S. 55° E	90	52.5	73.6	1° 13' E	20° 45' W	"	19° 46' W	4° 50' S
" 17 th	S. 52° E	73	45.5	58.6	0° 59' E	19° 46' W	"	18° 6' W	3° 50' S
" 18 th	S. 48° W	114	88.5	87 W	1° 17' W	21° 13' W	"	19° 53' W	2° 37' S
" 19 th	S. 53° W	117	81.5	93 W	1° 33' W	22° 46' W	"	21° 39' W	1° 27' S
" 20 th	S. 33° W	131	120.5	72 W	1° 12' W	23° 58' W	"	23° 17' W	0° 22' S
" 21 st	S. 30° W	139	114.5	69 W	1° 7' W	25° 58' W	"	24° 26' W	2° 22' S
" 22 nd	S. 36° W	137	111.5	75 W	1° 16' W	26° 23' W	"	25° 50' W	4° 16' S
" 23 rd	S. 21° W	132	129.5	47 W	0° 47' W	27° 10' W	"	26° 59' W	6° 19' S
" 24 th	S. 15° W	143	147.5	38 W	0° 39' W	27° 49' W	27° 34' W	28° 7' W	7° 31' S
" 25 th	S. 12° W	153	152.5	32 W	0° 33' W	28° 7' W	28° 15' W	28° 50' W	11° 6' S
" 26 th	S. 2° W	160	160.5	7 W	0° 8' W	28° 20' W	"	29° 19' W	13° 46' S
" 27 th	S. 18° E	152	139.5	46.6	0° 48' E	27° 35' W	28° 7' W	28° 39' W	16° 11' S
" 28 th	S. 20° E	200	187.5	69.6	1° 12' E	26° 55' W	"	27° 37' W	19° 18' S
" 29 th	S. 22° E	182	170.5	69.6	1° 13' E	25° 42' W	"	26° 41' W	22° 7' S

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outward passage

Date	Course	dist.	diff. Lat.	Lege.	diff. Long.	Longitude by	Star.	Dist.	Chm.	Lat.
1846		miles								
Sept 30 th	S. 29° E	172	141.5	83.6	1. 30 E	24. 12 W	..			25° 26' W 20° 57' S
Oct 1 st	S. 39° E	155	106.5	98.6	1. 48 E	22. 24 W	..			23. 56. 45 W 26. 37 S
" 2 ^d	S. 49° E	157	95.5	118.6	2. 12 E	20. 12 W	..			21. 32. 30 W 28. 20 S
" 3 ^d	S. 57° E	172	93.5	142.6	2. 43 E	17. 29 W	..			18. 69. 50 W 29. 56 S
" 4 th	S. 58° E	162	79.5	136.6	2. 38 E	14. 57 W	..			16. 20. 30 W 31. 20 S
" 5 th	S. 69° E	141	48.5	132.6	2. 34 E	12. 17 W	..			13. 50. W 32. 10 S
" 6 th	S. 71° E	177	59.5	183.6	3. 37 E	8. 40 W	..			10. 4. 45 W 33. 15 S
" 7 th	S. 72° E	173	58.5	166.6	3. 20 E	5. 20 W	..			7. 0. 30 W 34. 5 S
" 8 th	S. 74° E	173	48.5	167.6	3. 23 E	1. 57 W	3. 27 W	3. 36 W		34. 52.5
" 9 th	S. 75° E	147	35.5	141.6	2. 57 E	00. 34 W	0. 34 W	0. 37.45 W		35. 31.5
" 10 th	S. 80° E	170	36.5	167.6	3. 28 E	2. 54 E	..			2. 43.15 E 36. 50 S
" 11 th	S. 84° E	143	25.5	142.6	2. 56 E	5. 50 E	..			5. 25.45 E 36. 15 S
" 12 th	S. 77° E	200	49.5	193.6	4. 1 E	9. 57 E	..			9. 23. 30 E 37. 1.5
" 13 th	S. 86° E	196	77.5	195.6	4. 4 E	13. 55 E	..			13. 32. 45 E 37. 15 S
" 14 th	N. 77° E	104	13. N.	101.6	2. 6 E	16. 1 E	..			15. 34. 45 E 36. 52 S
" 15 th	N. 37° E	83	66. N	45.6	0. 56 E	16. 57 E	..			16. 47. 45 E 35. 46 S
" 16 th	S. 72° E	106	49.5	100.6	2. 3 E	19. 00 E	..			18. 51. 05 E 36. 10 S
" 17 th	S. 13° E	112	37.5	107.6	2. 13 E	21. 13 E	..			20. 56. E 36. 52 S
" 18 th	S. 76° E	163	21.5	158.6	3. 18 E	24. 31 E	..			24. 9. 30 E 37. 30 S
" 19 th	N. 71° E	142	47. N.	91.6	1. 54 E	26. 25 E	..			26. 57. 15 E 36. 49 S
" 20 th	S. 81° E	183	28.5	181.6	3. 47 E	30. 2 E	..			30. 47. 20 E 37. 16 S
" 21 st	N. 86° E	168	11. N	203.6	4. 14 E	34. 26 E	..			34. 16. 00 E 37. 5 S
" 22 ^d	S. 83° E	181	25.5	180.6	3. 47 E	38. 13 E	..			38. 9. 15 E 37. 25 S
" 23 ^d	S. 87° E	188	9.5	188.6	3. 56 E	42. 9 E	..			41. 57. 15 E 37. 34 S
" 24 th	N. 85° E	191	7. N.	191.6	4. 00 E	46. 9 E	..			45. 57. 45 E 37. 18 S
" 25 th	N. 88° E	191	3. N.	190.6	3. 59 E	50. 8 E	50. 8 E	50. 12. 30 E		37. 11 S

Date	Course	Dist.	Diff. Lat.	Diff. Long.	Latitude by Acc.	Latitude by Obs.	Lat.
1826.		miles					
Oct. 26 th	N. 88.° E	89	2. N	29. E	1. 51. E	51. 59. E	51. 55. 30. E 37. 7. 5
" 27 th	S. 87.° E	151	3. S	151. E	3. 9. E	55. 8. E	55. 26. E 55. 3. 45. E 37. 19. 5
" 28 th	N. 84.° E	195	14. N	104. E	4. 3. E	59. 29. E	58. 56. 30. E 37. 1. 5
" 29 th	N. 87.° E	179	9. N	179. E	3. 44. E	63. 13. E	62. 26. 45. E 36. 50. 5
" 30 th	N. 89.° E	202	4. N	202. E	4. 13. E	67. 26. E	66. 36. E 36. 49. 5
" 31 st	N. 85.° E	187	26. N	186. E	3. 51. E	71. 17. E	70. 44. 50. E 36. 32. 5
Nov. 1 st	N. 69.° E	167	60. N	165. E	3. 42. E	74. 29. E	73. 32. 15. E 35. 28. 5
" 2 nd	N. 50.° E	185	117. N	142. E	2. 52. E	77. 21. E	76. 38. 30. E 30. 21. 5
" 3 rd	N. 40.° E	178	121. N	114. E	2. 15. E	79. 36. E	79. 3. 30. E 31. 12. 5
" 4 th	N. 37.° E	81	58. N	48. E	0. 56. E	80. 32. E	80. 7. 45. E 30. 7. 5
" 5 th	N. 40.° E	70	49. N	25. E	5. 52. E	81. 24. E	81. 0. 0. E 29. 13. 5
" 6 th	N. 32.° E	160	136. N	84. E	1. 36. E	82. 41. E	82. 52. 0. E 26. 58. 5
" 7 th	N. 20.° E	206	172. N	71. E	1. 18. E	83. 56. E	84. 22. E 84. 5. 30. E 23. 64. 5
" 8 th	N. 15.° E	197	186. N	50. E	0. 53. E	85. 15. E	85. 1. 30. E 20. 36. 5
" 9 th	N. 12.° E	201	198. N	42. E	0. 44. E	85. 59. E	85. 26. E 17. 17. 5
" 10 th	N. 12.° E	192	189. N	40. E	0. 41. E	86. 40. E	85. 50. 15. E 14. 9. 5
" 11 th	N. 10.° E	191	189. N	32. E	0. 32. E	87. 12. E	86. 12. 15. E 11. 1. 5
" 12 th	N. 11.° E	187	183. N	36. E	0. 36. E	87. 48. E	86. 68. E 7. 58. 5
" 13 th	N. 8.° E	116	114. N	16. E	3. 16. E	88. 4. E	86. 40. 30. E 5. 57. 5
" 14 th	N. 16.° E	109	98. N	30. E	0. 30. E	88. 36. E	87. 23. 45. E 4. 12. 5
" 15 th	N. 9.° E	109	87. N	16. E	0. 16. E	88. 50. E	88. 23. 15. E 2. 24. 5
" 16 th	N. 1.° W	146	145. N	3. W	0. 3. W	88. 47. E	89. 12. 30. E 0. 13. N
" 17 th	N. 8.° W	144	126. N	19. W	0. 19. W	88. 24. E	89. 51. 45. E 2. 36. N
" 18 th	N. 15.° W	114	109. N	30. W	0. 30. W	87. 58. E	89. 10. 54. E 4. 25. 5
" 19 th	N. 4.° W	77	76. N	5. W	0. 5. W	87. 53. E	89. 17. 00. E 6. 21. N
" 20 th	N. 4.° W	112	109. N	7. W	0. 7. W	87. 46. E	89. 13. 00. E 8. 14. 5

Date	Course	Dir.	Off. Lat.	Depth	Wind	Long. by	Lat.
1826							
Nov. 21 st		52	52.11	"	"	87° 46.8	89° 53' E 89° 19' 56. 9.10 W
" 22 nd	N. 45° W	98	93.11	7 W	0. 7 W	89° 46 E	89° 45.8 89° 28.36 E 10.51 W
" 23 rd	N. 11° W	105	103.11	19 W	0. 20 W	89° 25.8	89° 9.8 88° 52.07 E 12.32 W
" 24 th	N. 15° W	114	108.11	31 W	0. 32 W	88° 37.8	88° 40.8 88° 26.8 14.20 W
" 25 th	N. 29° W	124	125.11	61 W	1. 2 W	87° 41 E	" 87° 7 E 16.8 W
" 26 th	N. 41° W	52	58.11	4 W	0. 5 W	87° 36 E	" 86.42 E 7.11 W
" 27 th	N 70° E	64	16.11	62 E	1. 5 E	88° 41 E	" 87° 05 E 7.16 W
" 28 th	S. 51° E	68	2.8	67 E	1. 10 E	89° 57 E	" 86° 4.6 17.6 W
" 29 th	N. 20° W	73	73.11	24 W	0. 26 W	89° 35 E	" 88° 26 E 18.16 W
" 30 th	N. 23° W	58	53.11	22 W	0. 23 W	89° 12.8	" 88° 8.48 E 19.6 W
Dec. 1 st	N 48° E	41	42.11	30 W	0. 32 E	89° 46.8	" 87° 40.8 19.33 W
" 2 nd	N 53° W	60	44.11	48 W	0. 52 W	88° 52 E	" 87° 53.35 20.10 W
" 3 rd	N 55° E	58	93.11	47 E	0. 50 E	89° 42.8	88° 43.8 88° 34.07 E 20.33 W
" 4 th	N 33° W	39	36.11	16 W	0. 15 W	88° 28.8	" 87° 00 05 21.55 W
" 5 th	N 58° E	23	2.11	22 E	0. 24 E	88° 53 E	" 88° 11.00 21.21 W

Dec. 5th 1826. Took a Pilot at the Sand Heads
for Calcutta 119 days from Salem

Abstract of the forenoon 155 Journal. November

Date	Course	Dist.	Diff Lat.	Diff Long.	Long. by	Lat.
1827.						
Sept 5	S. 4° E	6	53.8	15 E	38. 49. E	38. 32. 15 E 25. 5 T.
" 6	S. 10° E	58	44.5	9. E	38. 50 E	89. 9. 15 E 19. 9. 5 T.
" 7	S. 2° W	36	35.5	5 W	35. 44 E	88. 54. 30 E 15. 26 W
" 8	S. 31° W	30	22.5	16 W	35. 27 E	88. 16. 15 E 13. 15 T.
" 9	S. 45° W	28	27.5	19 W	33. 7 E	87. 47. 15 E 17. 57 W
" 10	S. 13° W	23	11.5	5 W	33. 1 E	87. 15. 15 E 7. 27 W
" 11	S. 2° W	94	97.5	4 W	37. 57 E	37. 3. 00 E 17. 50 W
" 12	South	126	126.5	"	37. 57 E	36. 52. 00 E 18. 52
" 13	S. 2° W	143	143.5	5 W	37. 52 E	36. 46. 15 E 11. 29 W
" 14	S. 2° W	137	136.5	5 W	37. 47 E	36. 31. 30 E 5. 13 W
" 15	S. 1° W	152	152.5	5 W	37. 42 E	36. 14. 35 E 5. 44 W
" 16	S. 1° W	138	138.5	3 W	37. 39 E	35. 38. 00 E 4. 20 W
" 17	South	56	50.5	1 W	37. 38 E	35. 26. 00 E 3. 58 W
" 18	S. 5° E	101	88.5	8 E	37. 46 E	35. 31. E 35. 26. 00 E 1. 47 W
" 19	South	70	70.5	"	35. 31 E	35. 35. 00 E 37 W
" 20	South	35	35.5	"	35. 31 E	35. 36. 00 E 0. 35 E
" 21	South	36	36.5	"	35. 31 E	35. 36. 30 E 1. 10 E
" 22	S. 2° E	41	40.5	2 E	35. 33 E	35. 53. 30 E 1. 57 E
" 23	S. 8° W	117	116.5	16 W	35. 17 E	35. 57. 00 E 3. 4 E
" 24	S. 1° W	111	111.5	2 W	35. 15 E	36. 23. 00 E 5. 24 E
" 25	S. 19° E	72	57.5	1 E	35. 16 E	36. 48. 00 E 6. 33 E
" 26	S. 1° W	28	34.8	1 W	35. 15 E	36. 48. 00 E 7. 18 E
" 27	S. 18° W	63	53.5	19 W	36. 54 E	36. 22. 30 E 8. 00 E
" 28	S. 31° W	163	148.5	83 W	33. 30 E	34. 40. 00 E 10. 20 E

Abstract 156 from record

Date	Course	dist.	Diff.		Long.		Longitude in			Lat.
		miles	Lat.	Sept.	Long.		W.	East	Chs.	
1897										
March 1 st	S. 45° W	174	123.8	123. W	2. 5' W	81. 25. E			82. 35. 00 E.	12. 23
" 2 nd	S. 42° W	141	105.8	95. W	1. 37. W	79. 48 E	80. 1. 00 E.	80. 29. 15 E		13. 58
" 3 rd	S. 51° W	182	115.8	140. W	2. 25. W	77. 26. E		77. 43. 45		15. 53
" 4 th	S. 54° W	194	114.5	157. W	2. 45. W	74. 51. E	75. 7. 00 E	75. 11. 0		17. 48
" 5 th	S. 59° W	156	89.8	160. W	2. 49. W	72. 18 E		72. 26. 05		19. 24
" 6 th	S. 64° W	170	70.5	153 W	2. 43 W	69. 35. E	69. 48. E	69. 48. 15		20. 39
" 7 th	S. 68° W	175	65.5	161 W	2. 53 W	66. 55. E		66. 55 E		21. 46
" 8 th	S. 72° W	154	45.5	147. W	2. 38 W	64. 17. E		64. 16. 30		22. 33
" 9 th	S. 68° W	130	39.8	120 W	2. 10 W	62. 7 E		62. 4. 5		23. 22
" 10 th	S. 71° W	169	39.8	163 W	2. 58 W	59. 9 E		58. 42. 31		24. 00
" 11 th	S. 72° W	187	49.8	179 W	3. 16 W	55. 53 E		55. 36.		24. 57
" 12 th	S. 72° W	178	55.8	169 W	3. 7 W	52. 46 E		52. 44. 15		25. 49
" 13 th	S. 67° W	149	51.8	137 W	2. 32 W	50. 14 E		50. 28.		26. 47
" 14 th	N. 80° W	88	15 W	86 W	1. 36 W	48. 38 E		48. 29.		26. 28
" 15 th	S. 71° W	128	50.8	121 W	2. 16 W	46. 22 E		45. 55. 45		27. 11
" 16 th	S. 75° W	163	38.8	157 W	2. 57 W	43. 25 E		42. 48. 45		27. 53
" 17 th	S. 79° W	104	20.8	102 W	1. 55 W	41. 30 E		40. 22.		28. 12
" 18 th	S. 65° W	125	52.8	113 W	2. 9 W	39. 21 E		39. 55		29. 4
" 19 th	S. 51° W	120	71.8	92 W	1. 47 W	37. 36 E		35. 57		30. 20
" 20 th	S. 62° W	139	65.8	122 W	2. 22 W	35. 12 E		33. 40. 15		31. 28
" 21 st	S. 86° W	87	14.8	86 W	1. 41 W	33. 31 E	32. 31. E	31. 48 W		31. 34
" 22 nd	S. 46° W	169	110.8	110 W	2. 11 W	30. 20 E		29. 31. 45		33. 42
" 23 rd	S. 64° W	186	78.8	167 W	3. 22 W	26. 58 E		26. 16. 45		25. 46
" 24 th	S. 75° W	193 1/2	27.8	192 W	3. 56 W	23. 2 E		21. 51. 30		36. 25
" 25 th	N. 81° W	181	39.8	171 W	3. 31 W	19. 31		18. 10. 15		35. 33

Abstract. ¹⁵⁷ Horn Island

Date	Course	Dist.	Diff. Lat.	Diff. Long.	Long. by Obs.	Chro.	Lat.
1827							
March 26 th	N. 57° W	191	112. N	160 W	2. 13 W	16. 18. E	15. 3. 45.8 32.50
" 27 th	N. 49° W	117	74. N	88. W	1. 45 W	14. 33 E	13. 28. 15 E 32.32
" 28 th	N. 50° W	185	119. N	162 W	2. 47 W	11. 46 E	16. 56. 45 E 30.34
" 29 th	N. 47° W	172	109. N	124 W	2. 22 W	9. 24 E	8. 28. 00 E 28.36
" 30 th	N. 46° W	152	98. N	109 W	2. 3 W	7. 21 E	6. 15. 30 E 26.51
" 31 st	N. 47° W	118	80. N	86 W	1. 36 W	5. 45 E	4. 34. 15 E 25.31
April 1 st	N. 41° W	123	89. N	92 W	1. 42 W	4. 3 E	2. 50. 15 E 24.5
" 2 nd	N. 44° W	90	60. N	62 W	1. 8 W	2. 55 E	1. 28 E 1. 38. 30 E 23.45
" 3 rd	N. 48° W	134	98. N	100 W	1. 48 W	00. 20 W	0. 15 W 0. 14. 00 W 21.35
" 4 th	N. 39° W	108	82. N	67 W	1. 12 W	1. 27 W	1. 33. 00 W 20.11
" 5 th	N. 45° W	72	50. N	50 W	0. 53 W	2. 20 W	2. 30. 00 W 19.20
" 6 th	N. 45° W	121	87. N	85 W	1. 30 W	3. 50 W	4. 00. 00 W 17.56
" 7 th	N. 41° W	123	98. N	80 W	1. 23 W	5. 13 W	5. 24. 45 16.23
" 8 th	N. 47° W	105	71. N	77 W	1. 20 W	6. 33 W	6. 30 W 6. 29. 15 15.12
" 9 th	N. 57° W	123	72. N	103 W	1. 47 W	0. 17 W	8. 16 " 10. 5
" 10 th	N. 59° W	109	77. N	128 W	2. 11 W	10. 28 W	10. 19. 45 12.51
" 11 th	N. 58° W	153	81. N	130 W	2. 13 W	12. 41 W	12. 42. " 11. 31.0
" 12 th	N. 59° W	168	93. N	144 W	2. 26 W	15. 7 W	15. 7. 45 10. 50
" 13 th	N. 58° W	166	91. N	140 W	2. 22 W	17. 29 W	17. 31. " 8. 37.0
" 14 th	N. 59° W	172	101. N	150 W	2. 31 W	20. 00 W	19. 57. 45 7. 9.0
" 15 th	N. 55° W	165	95. N	135 W	2. 16 W	22. 16 W	22. 9. 00 5. 34.5
" 16 th	N. 52° W	146	85. N	118 W	1. 59 W	24. 15 W	24. 26 W 24. 18. 45 4. 10.5
" 17 th	N. 51° W	135	79. N	105 W	1. 45 W	26. 11 W	26. 19. 00 2. 46.5
" 18 th	N. 42° W	115	17. N	67 W	1. 7 W	27. 15	27. 36. 30 1. 22.8
" 19 th	N. 41° W	63	52. N	41 W	0. 41 W	27. 59	28. 18. 15 0. 34.8
" 20 th	N. 28° W	56	45. N	26 W	00. 26 W	28. 25	28. 23 W 28. 59. 00 0. 15. N

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Date	Course	dist.	Diff. Lat.	Diff. Long.	Long. true	Long. obs.	Mag. Dec.	Lat.
1897.		miles						
April 21 st	N. 37° W.	33	66 N	57 W	00. 57 W	29. 2 W	"	30. 00 W 1. 27
" 22	N. 13° W	35	34 N	8 W	0. 8 W	29. 10 W	"	29. 54 W 2. 32
" 23	N. 37° W	74	57 N	46 W	0. 46 W	29. 56 W	"	30. 31 W 3. 27
" 24	N. 33° W	34	29 N	18 W	0. 18 W	30. 11 W	"	30. 58 W 3. 53
" 25	N. 46° W	40	27 N	29 W	0. 29 W	30. 43 W	"	31. 7 W 4. 20
" 26	N. 42° W	88	65 N	59 W	0. 59 W	31. 42 W	"	32. 27 W 5. 21
" 27	N. 49° W	166	109 N	125 W	2. 5 W	33. 47 W	"	34. 28 W 7. 6 N
" 28 th	N. 52° W	181	122 N	142 W	2. 23 W	36. 10 W	"	36. 52. 15 W 8. 58
" 29 th	N. 57° W	191	115 N	149 W	2. 31 W	38. 41 W	"	39. 27. 30 W 10. 57. 5
" 30	N. 52° W	195	121 N	155 W	2. 38 W	41. 19 W	"	42. 8. 05 W 12. 56
May 1 st	N. 47° W	205	145 N	150 W	2. 35 W	43. 54	44. 51 W	44. 44 W 15. 15
" 2	N. 44° W	204	142 N	142 W	2. 28 W	47. 19	"	47. 20 W 17. 41
" 3	N. 40° W	182	140 N	135 W	2. 23 W	49. 42	"	49. 26 W 19. 62
" 4	N. 44° W	170	122 N	118 W	2. 6 W	51. 48	"	51. 41 W 21. 35
" 5	N. 40° W	144	113 N	91 W	1. 40 W	53. 28	52. 52	53. 20 W 23. 40
" 6	N. 38° W	136	103 N	83 W	1. 31 W	54. 23	54. 34	54. 43 W 25. 32
" 7	N. 36° W	86	63 N	51 W	1. 57 W	55. 31	"	55. 57 W 26. 41
" 8	N. 13° W	29	29 N	6 W	0. 7 W	55. 38	"	59. 40 W 27. 10
" 9	N. 41° W	92	69 N	60 W	1. 8 W	56. 46	"	56. 35 W 28. 19
" 10	N. 30° W	27	23 N	13 W	0. 16 W	57. 2	"	56. 52. 30 28. 55
" 11	N. 41° W	65	49 N	43 W	0. 49 W	57. 51	"	57. 43. 65 29. 43
" 12	N. 42° W	103	78 N	68 W	1. 19 W	59. 10	"	58. 55. 8 31. 00
" 13	N. 39° W	107	91 N	82 W	1. 36 W	60. 46	"	60. 9 W 32. 24
" 14	N. 25° W	37	30 N	9 W	0. 10 W	60. 56	"	60. 25 W 32. 51
" 15	N. 35° W	83	59 N	54 W	1. 4 W	62. 00	"	61. 24 W 34. 5

Abstract ¹⁵⁹ homeward.

Date	Course	dist.	Diff. Lat.	Diff. Long.	Longitude Obs.	by Chs.	Lat.		
1894.					W.	W.	N.		
May 16 th	N 16° W	119	110 N	32 W	00. 39 W	62. 39 W	61. 58 W	62. 1	36. 00
" 17 th	N 18° W.	82	78 N	25 W	0. 48 W	62. 46	"	62. 30	37. 49
" 18 th	N. 38 W	111	87. N	68 W	1. 26 W	64. 12	"	64. 00	38. 54
" 19 th	N 65° W	76	38. N	69 W	1. 28 W	65. 40	"	65. 29	39. 32
" 20 th	N. 52° W	111	50 N	115 W	2. 30 W	68. 10	67. 35	67. 23	40. 40
" 21 st	N 85° W	46	18 N	31 W	0. 41 W	68. 16	"	68. 24	40. 44
" 22	N 32° W	91	77 N	48 W	1. 4 W	69. 20	"	69. 27	41. 58
" 23	N 56° W	60	33 N	50 W	1. 8 W	70. 28	"	70. 35	42. 31

